

| First            | Last         | Id     | Title   | Symposium   | Company                          | Country              | Date       | Time        | Screen |
|------------------|--------------|--------|---|---|----------------------------------|----------------------|------------|-------------|--------|
| Jiaying          | YU           | 96156  | Legal Principle of Non-appropriation in Lunar Station Context   | A3. IAF SPACE EXPLORATION SYMPOSIUM                             | Shenzhen MSU-BIT University      | China                | 29/09/2025 | 12:45-12:55 | 8      |
| Sebastian        | Stelter      | 97210  | A Clustering Based Multi-Robot Coverage Path Planning Approach for Martian Surface Exploration  | A3. IAF SPACE EXPLORATION SYMPOSIUM                             | Cranfield University             | United Kingdom       | 29/09/2025 | 12:45-12:55 | 9      |
| Majd             | Alsadi       | 97174  | Moon Exploration – Part 1   | A3. IAF SPACE EXPLORATION SYMPOSIUM                             | [unlisted]                       | Jordan               | 29/09/2025 | 13:35-13:45 | 11     |
| GiWon            | Nam          | 94102  | Pioneering Lunar Connectivity: South Korea's Role in 5G Infrastructure for Space Exploration  | A3. IAF SPACE EXPLORATION SYMPOSIUM                             | Korea Aerospace Research Ins     | Korea, Republic of   | 29/09/2025 | 12:45-12:55 | 7      |
| Anastasia        | Stepanova    | 95738  | Regolith Flowability in Lunar Gravity and Vacuum  | A3. IAF SPACE EXPLORATION SYMPOSIUM                             | Colorado School of Mines         | United States        | 29/09/2025 | 13:05-13:15 | 7      |
| Shilin           | Zhang        | 95750  | Low Reaction Trajectory Generation for a Hexapod Rover on Non-Horizontal Terrain in Microgravity  | A3. IAF SPACE EXPLORATION SYMPOSIUM                             | National University of Defense   | China                | 29/09/2025 | 12:55-13:05 | 8      |
| Ashutosh         | Mishra       | 95093  | Harnessing Evolutionary Algorithms for Adaptive Modular Robotics Design in Lunar Missions   | A3. IAF SPACE EXPLORATION SYMPOSIUM                             | Tohoku University                | Japan                | 29/09/2025 | 12:45-12:55 | 12     |
| Nafisa Zian      | Imam Shafi   | 102708 | Exploring Lunar Regolith-Based Shielding for Infrastructure Protection  | A5. 28th IAA SYMPOSIUM ON HUMAN EXPLORATION OF THE SOLAR SYSTEM | Sharjah Academy for Astronoe     | United Arab Emirates | 29/09/2025 | 13:35-13:45 | 15     |
| Thomas           | Cernev       | 97952  | Developing scalable lunar agriculture systems to facilitate human exploration   | A5. 28th IAA SYMPOSIUM ON HUMAN EXPLORATION OF THE SOLAR SYSTEM | The University of Adelaide       | Australia            | 29/09/2025 | 12:55-13:05 | 16     |
| José Fernando    | Ramos García | 102089 | basic distribution of underground colonies on mars based on methods used by ants: the development of 100 million years of evolution employed in human interplanetary exploration. | A5. 28th IAA SYMPOSIUM ON HUMAN EXPLORATION OF THE SOLAR SYSTEM | Instituto Politécnico Nacional   | Mexico               | 29/09/2025 | 13:25-13:35 | 15     |
| Nijanthan        | Vasudevan    | 94670  | Adaptive AI-Driven, Edge-Computing Robotic Platforms for Advanced Human-Robot Collaboration in Extraterrestrial Habitat Construction  | A5. 28th IAA SYMPOSIUM ON HUMAN EXPLORATION OF THE SOLAR SYSTEM | Drexel University                | United States        | 29/09/2025 | 13:05-13:15 | 16     |
| Florence Pauline | Basubas      | 99013  | Incentivizing Responsible Space Practices through the Debris Offsetting Fund and Space Sustainability Rating  | A6. 23rd IAA SYMPOSIUM ON SPACE DEBRIS                          | Space Generation Advisory Co     | The Philippines      | 29/09/2025 | 13:05-13:15 | 21     |
| Girish           | Narayanan    | 99462  | Mixed-Fidelity Light Curve Simulation for Characterization of Resident Space Objects  | A6. 23rd IAA SYMPOSIUM ON SPACE DEBRIS                          | The University of Auckland       | New Zealand          | 29/09/2025 | 12:45-12:55 | 17     |
| Lily             | Flannery     | 102059 | Assumptions and uncertainty in re-entry prediction software   | A6. 23rd IAA SYMPOSIUM ON SPACE DEBRIS                          | UNSW Canberra                    | Australia            | 29/09/2025 | 13:25-13:35 | 16     |
| Elisa            | Boccolari    | 102518 | Synergies between Particle-in-a-Box Methods and High-Fidelity Methods for Long-Term LEO Debris Evolution  | A6. 23rd IAA SYMPOSIUM ON SPACE DEBRIS                          | Politecnico di Milano            | Italy                | 29/09/2025 | 13:25-13:35 | 18     |
| Shun             | Taguchi      | 100066 | neural network-based attitude estimation of space debris using a monocular optical camera   | A6. 23rd IAA SYMPOSIUM ON SPACE DEBRIS                          | Tokyo University of Science      | Japan                | 29/09/2025 | 12:55-13:05 | 17     |
| Matthew          | Willson      | 99898  | Geodesic Intersection Gridding for Ground Risk Assessment of Space Debris   | A6. 23rd IAA SYMPOSIUM ON SPACE DEBRIS                          | [unlisted]                       | Australia            | 29/09/2025 | 13:05-13:15 | 20     |
| Nicolò           | Trabacchin   | 100396 | Investigating the fragmentation of Intelsat 33E in GEO orbit  | A6. 23rd IAA SYMPOSIUM ON SPACE DEBRIS                          | University of Padova - DIIV/CISF | Italy                | 29/09/2025 | 13:25-13:35 | 20     |
| Kathiravan       | Thangavel    | 99569  | Next-Generation Tracking Systems for Enhanced Space Domain Awareness and Optimized Space Traffic Management   | A6. 23rd IAA SYMPOSIUM ON SPACE DEBRIS                          | Khalifa University of Science a  | United Arab Emirates | 29/09/2025 | 12:55-13:05 | 19     |
| Xinlei           | Guo          | 100084 | Atmospheric Drag Coefficient Calculation Model Based on Different Deorbit Sail Configurations   | A6. 23rd IAA SYMPOSIUM ON SPACE DEBRIS                          | Beijing Institute of Technology  | China                | 29/09/2025 | 12:45-12:55 | 21     |
| Maria Nepheli    | Kardassi     | 100027 | Analysis of Data Collection Capability and Aerodynamic Stability during Uncontrolled Atmospheric Re-entry   | A6. 23rd IAA SYMPOSIUM ON SPACE DEBRIS                          | University of Strathclyde / Med  | United Kingdom       | 29/09/2025 | 12:55-13:05 | 18     |
| George           | Bowden       | 99577  | Acoustic ray tracing of infrasound from re-entering objects   | A6. 23rd IAA SYMPOSIUM ON SPACE DEBRIS                          | UNSW Canberra                    | Australia            | 29/09/2025 | 13:35-13:45 | 17     |
| Yurun            | Yuan         | 99660  | Collision risk assessment for constellation satellites Based on A Multidisciplinary Space Debris Evolution Model  | A6. 23rd IAA SYMPOSIUM ON SPACE DEBRIS                          | Beijing Institute of Technology  | China                | 29/09/2025 | 12:45-12:55 | 18     |
| Pia              | Lenhardt     | 97936  | A review of conjunction detection and collision probability assessment techniques for the use in a cislunar simulation framework  | A6. 23rd IAA SYMPOSIUM ON SPACE DEBRIS                          | TU Darmstadt                     | Germany              | 29/09/2025 | 13:15-13:25 | 17     |
| Giacomo          | Govoni       | 100659 | Maintenance and sustainability in orbit: modular standard for the new generation of satellites  | A6. 23rd IAA SYMPOSIUM ON SPACE DEBRIS                          | Pelittecnico di Torino           | Italy                | 29/09/2025 | 12:45-12:55 | 22     |
| Shuming          | Zhang        | 100271 | optimizing multi-debris removal sequencing under multiple constraints   | A6. 23rd IAA SYMPOSIUM ON SPACE DEBRIS                          | Northwestern Polytechnical U     | China                | 29/09/2025 | 13:35-13:45 | 20     |
| Roman            | Prokazov     | 98362  | Deep Learning-Based Spacecraft Pose Estimation with a Fail-Safe Fallback Mechanism  | A6. 23rd IAA SYMPOSIUM ON SPACE DEBRIS                          | Alma Mater Studiorum - Unive     | Italy                | 29/09/2025 | 13:15-13:25 | 16     |
| Robert           | Rovetto      | 96907  | The Orbital Debris Decision Tree  | A6. 23rd IAA SYMPOSIUM ON SPACE DEBRIS                          | American Institute of Aeronau    | United States        | 29/09/2025 | 13:05-13:15 | 17     |
| Shabadini        | Sampath      | 95234  | Hybrid Control of Space Manipulators for Active Debris Removal: A Comprehensive Review  | A6. 23rd IAA SYMPOSIUM ON SPACE DEBRIS                          | University of Strathclyde / Med  | United Kingdom       | 29/09/2025 | 13:25-13:35 | 17     |
| Ken              | Smart        | 99303  | Update on Space Situational Awareness with CSIRO Radio Telescopes   | A6. 23rd IAA SYMPOSIUM ON SPACE DEBRIS                          | CSIRO                            | Australia            | 29/09/2025 | 13:05-13:15 | 18     |
| Hao              | Fu           | 95624  | Space objects conjunction analysis via orbital error propagation  | A6. 23rd IAA SYMPOSIUM ON SPACE DEBRIS                          | Purple Mountain Observatory      | China                | 29/09/2025 | 13:25-13:35 | 19     |

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| Faun               | Watson         | 97517  | simulation of ion drag over charged deorbiting deployables in realistic orbital conditions  | A6. 23rd IAA SYMPOSIUM ON SPACE DEBRIS             | Victoria University of Wellington | New Zealand        | 29/09/2025 | 13:35-13:45 | 19     |
| Farah Diya         | Yasmine        | 94909  | A proposal of responsible space activities: the exploration, governance, and response towards space debris events in a legal binding instrument | A6. 23rd IAA SYMPOSIUM ON SPACE DEBRIS             | Space Generation Advisory Co      | Indonesia          | 29/09/2025 | 13:35-13:45 | 16     |
| Jiaxin             | Hao            | 99086  | Adaptive Sensor Tasking for Collision Assessment Under Epistemic Uncertainty  | A6. 23rd IAA SYMPOSIUM ON SPACE DEBRIS             | Beijing Institute of Technology   | China              | 29/09/2025 | 13:25-13:35 | 21     |
| Jinyu              | Zhang          | 95762  | Research on spatial non-cooperative target capture trajectory planning method based on multi-strategy parallelism                               | A6. 23rd IAA SYMPOSIUM ON SPACE DEBRIS             | National Key Laboratory of Aer    | China              | 29/09/2025 | 12:55-13:05 | 21     |
| Qian               | Wen            | 100034 | uncertainty analysis for grabbing positioning and release mechanism in space-based gravitational wave observatory                               | B4. 32nd IAA SYMPOSIUM ON SMALL SATELLITE MISSIONS | Tsinghua University               | China              | 29/09/2025 | 12:55-13:05 | 32     |
| Jacob              | O'Riordan-Ross | 97505  | Wiring Harness Design and Integration for Flexible Small Satellite Missions   | B4. 32nd IAA SYMPOSIUM ON SMALL SATELLITE MISSIONS | Space Flight Laboratory, Univ     | Canada             | 29/09/2025 | 13:05-13:15 | 31     |
| Jyh-Ching          | Juang          | 94701  | Differential Drag Control of the Liliu CubeSats   | B4. 32nd IAA SYMPOSIUM ON SMALL SATELLITE MISSIONS | National Cheng Kung Universi      | Taiwan, China      | 29/09/2025 | 13:35-13:45 | 30     |
| Dooyoung           | Jeong          | 100137 | BEE-1006 CubeSat: Protein Crystallization Control and Monitoring in Space   | B4. 32nd IAA SYMPOSIUM ON SMALL SATELLITE MISSIONS | Yonsei University                 | Korea, Republic of | 29/09/2025 | 13:25-13:35 | 30     |
| Andreas Johann     | Hörmer         | 94700  | Operational insights from the PRETTY CubeSat mission for future small spacecraft operations   | B4. 32nd IAA SYMPOSIUM ON SMALL SATELLITE MISSIONS | Graz University of Technology     | Austria            | 29/09/2025 | 12:45-12:55 | 32     |
| Kyle               | McMullan       | 97512  | Lessons Learned from the Flight and Operation of the Binar 2, 3, and 4 Cube Satellites  | B4. 32nd IAA SYMPOSIUM ON SMALL SATELLITE MISSIONS | Curtin University                 | Australia          | 29/09/2025 | 12:55-13:05 | 31     |
| Carl               | Brandon        | 97230  | High Integrity Software for CubeSats and Other Space Missions   | B4. 32nd IAA SYMPOSIUM ON SMALL SATELLITE MISSIONS |                                   | United States      | 29/09/2025 | 13:35-13:45 | 31     |
| Andre              | Kupetz         | 97743  | Development and Optimization of an Operations Concept for a Dual-LiDAR Component of the Earth Return Orbiter                                    | B6. IAF SPACE OPERATIONS SYMPOSIUM                 |                                   | Germany            | 29/09/2025 | 13:15-13:25 | 32     |
| Raihana Shams Isla | Antara         | 101765 | Development and Validation of VERTECS Satellite Ground Station Operation Software for Real-Time Telemetry and Mission Command Execution         | B6. IAF SPACE OPERATIONS SYMPOSIUM                 | Kyushu Institute of Technology    | Japan              | 29/09/2025 | 13:35-13:45 | 32     |
| Vladimir           | Razoumny       | 102377 | Applications of Space Tethers in Orbital Manoeuvres   | C1. IAF ASTRODYNAMICS SYMPOSIUM                    | RUDN University                   | Russian Federation | 29/09/2025 | 13:15-13:25 | 34     |
| Krishna            | Kumar          | 103389 | Smart On-Orbit Servicer Mission (SOOS-1) for Servicing Geosynchronous Satellites  | B6. IAF SPACE OPERATIONS SYMPOSIUM                 | Ryerson University                | Canada             | 29/09/2025 | 13:05-13:15 | 32     |
| Hangyeol           | Kim            | 99467  | Relative RAAN Shift Using J2 Perturbation with Finite Thrust and Burn Time Constraint   | B6. IAF SPACE OPERATIONS SYMPOSIUM                 | Korea Advanced Institute of S     | Korea, Republic of | 29/09/2025 | 12:45-12:55 | 33     |
| Matteo             | Santacesaria   | 103096 | Low-Cost rendezvous and phasing with the Lunar Gateway leveraging quasi-periodic tori   | C1. IAF ASTRODYNAMICS SYMPOSIUM                    | Politecnico di Milano             | Italy              | 29/09/2025 | 13:25-13:35 | 35     |
| Xiaoyi             | Wang           | 99215  | Robust Control and Path Planning for Modular On-Orbit Assembly by Dual-Arm Space Robots   | B6. IAF SPACE OPERATIONS SYMPOSIUM                 | Beihang University                | China              | 29/09/2025 | 13:25-13:35 | 32     |
| Stefano            | Casotto        | 103142 | verified computation of ocean tide perturbations  | C1. IAF ASTRODYNAMICS SYMPOSIUM                    | University of Padua               | Italy              | 29/09/2025 | 13:05-13:15 | 35     |
| Beomjin            | Gwon           | 97553  | Optimal Satellite Task Allocation Using Small Satellite Constellations: Integer Linear Program Based Approach                                   | B6. IAF SPACE OPERATIONS SYMPOSIUM                 | Korea Advanced Institute of S     | Korea, Republic of | 29/09/2025 | 12:55-13:05 | 33     |
| Linjian            | Sun            | 95781  | An integrated framework based on deep autoregressive models for satellite telemetry parameter forecasting, imputation and anomaly detection     | B6. IAF SPACE OPERATIONS SYMPOSIUM                 | National Space Science Cent       | China              | 29/09/2025 | 13:15-13:25 | 33     |
| Jeremy             | Partington     | 101758 | Graphical Solution to Kepler's Time Equation  | C1. IAF ASTRODYNAMICS SYMPOSIUM                    |                                   | Australia          | 29/09/2025 | 13:35-13:45 | 34     |
| Shathria           | Ompragash      | 102061 | Aerodynamic Analysis for Drag-controlled Collision Avoidance for the M2 CubeSats and the Feasibility of a LEO Space Corridor                    | C1. IAF ASTRODYNAMICS SYMPOSIUM                    | UNSW Canberra                     | Australia          | 29/09/2025 | 12:45-12:55 | 36     |
| Luigi              | Gisolfi        | 95380  | Open-Source High-Fidelity Orbit Estimation for Planetary Science and Space Situational Awareness Using the Tudat Software                       | C1. IAF ASTRODYNAMICS SYMPOSIUM                    | Delft University of Technology    | The Netherlands    | 29/09/2025 | 12:45-12:55 | 35     |
| Murathan           | Bakir          | 94965  | AI-Enabled Optical Navigation and Anomaly Detection for a Moon-Orbiting Spacecraft  | C1. IAF ASTRODYNAMICS SYMPOSIUM                    | Istanbul Technical University     | Türkiye            | 29/09/2025 | 13:35-13:45 | 33     |
| Shengxian          | Yu             | 100574 | Orbit determination of constellation satellites with maneuvers based on sparse optical data   | C1. IAF ASTRODYNAMICS SYMPOSIUM                    | Purple Mountain Observatory       | China              | 29/09/2025 | 13:25-13:35 | 34     |
| Jaeyoul            | Ko             | 95979  | Performance Analysis and Design Framework for Earth Observation Small-Satellite Constellations  | C1. IAF ASTRODYNAMICS SYMPOSIUM                    | Korea Advanced Institute of S     | Korea, Republic of | 29/09/2025 | 12:55-13:05 | 34     |
| Gunhee             | Yi             | 97669  | Orbit-Phasing Based Transfer Trajectory to Inclined Heliocentric Orbit around Sun-Earth L4  | C1. IAF ASTRODYNAMICS SYMPOSIUM                    | Korea Advanced Institute of S     | Korea, Republic of | 29/09/2025 | 13:05-13:15 | 34     |
| Leire              | Roma Rubi      | 103132 | Tensegrity-Based Heat Shields for Spacecraft Reentry Systems  | C2. IAF MATERIALS AND STRUCTURES SYMPOSIUM         | University of California, Berke   | United States      | 29/09/2025 | 13:25-13:35 | 37     |
| Davide             | Sorli          | 100293 | Design and Testing of a CubeSat Based Deployable Robotic Arm for Small Satellites Servicing and Debris Removal Applications                     | C2. IAF MATERIALS AND STRUCTURES SYMPOSIUM         | Politecnico di Torino             | Italy              | 29/09/2025 | 13:05-13:15 | 37     |
| Raphaela           | Guenther       | 102779 | Wood-based materials in space - an insight into the development and testing for an application on hot structures                                | C2. IAF MATERIALS AND STRUCTURES SYMPOSIUM         | Technische Universität Dresd      | Germany            | 29/09/2025 | 12:55-13:05 | 37     |

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|------------------|-----------------|--------|---|--|--|--------------------|------------|-------------|--------|
| Leire            | Roma Rubi       | 103144 | Origami-Tensegrity Structures for Planetary Surface Protection and Adaptive Deployment  | C2. IAF MATERIALS AND STRUCTURES SYMPOSIUM   | University of California, Berkeley           | United States      | 29/09/2025 | 13:35-13:45 | 37     |
| Adriana          | Barrios Garcia  | 99194  | Electromagnetic Compatibility for Spacecraft Launches. An Analysis and Interpretation of the Phenomenon Using Statistical Correlations.   | C2. IAF MATERIALS AND STRUCTURES SYMPOSIUM   | Universidad de Antioquia                     | Colombia           | 29/09/2025 | 13:05-13:15 | 38     |
| Sriram           | Kumar           | 103275 | A Comprehensive analysis of Integrating Additive Manufacturing and Origami Mechanics Through Theoretical, Experimental and review based Analysis of Miura Fold Structures for Advanced Aerospace Deployable Systems | C2. IAF MATERIALS AND STRUCTURES SYMPOSIUM   | University of Southern California            | United States      | 29/09/2025 | 13:25-13:35 | 36     |
| Malwina          | Bielecka        | 99471  | Parachute canopy stress measurements using a flexible screen-printed strain gauge array   | C2. IAF MATERIALS AND STRUCTURES SYMPOSIUM   | Warsaw University of Technology              | Poland             | 29/09/2025 | 13:05-13:15 | 36     |
| Pierpaolo        | Palmieri        | 99625  | Enabling Sustainable Serving of GEO Satellites through an Inflatable Robotic Manipulator  | C2. IAF MATERIALS AND STRUCTURES SYMPOSIUM   | Politecnico di Torino                        | Italy              | 29/09/2025 | 13:25-13:35 | 38     |
| Eliza            | Łapińska        | 98364  | Design and testing of a dual-mode actuation mechanism for rocket recovery system  | C2. IAF MATERIALS AND STRUCTURES SYMPOSIUM   | Warsaw University of Technology              | Poland             | 29/09/2025 | 13:15-13:25 | 36     |
| LIU              | MIN             | 96193  | study on vibration test method of large spacecraft based on integrated analysis spacecraft-vehicle and response equivalence   | C2. IAF MATERIALS AND STRUCTURES SYMPOSIUM   | China Academy of Space Technology            | China              | 29/09/2025 | 12:45-12:55 | 37     |
| Ashraf           | Khater          | 96494  | Structural Integrity Analysis of AlMunther Payload: A Case Study for Launch Load Resilience in 3U CubeSats  | C2. IAF MATERIALS AND STRUCTURES SYMPOSIUM   | National Space Science Agency                | Bahrain            | 29/09/2025 | 12:45-12:55 | 39     |
| Anar             | Hamdullayev     | 96590  | Self-Healing Materials for Sustainable Space Infrastructure: Enhancing Durability and Reducing Maintenance Needs  | C2. IAF MATERIALS AND STRUCTURES SYMPOSIUM   | Baku Engineering University                  | Azerbaijan         | 29/09/2025 | 13:35-13:45 | 38     |
| Ian              | Harris          | 94581  | The Impacts of Negative Plasma Treatment on Airborne Microorganisms for Space Environment Applications  | D3. 23rd IAA SYMPOSIUM ON BUILDING BLOCKS FOR FUTURE SPACE EXPLORATION AND DEVELOPMENT | The Ohio State University                    | United States      | 29/09/2025 | 13:35-13:45 | 46     |
| Sophie           | Poisel          | 99498  | Launching Futures: Powerhouse Academy Space Programs for K-12 Students  | E1. IAF SPACE EDUCATION AND OUTREACH SYMPOSIUM   | [unlisted]                                   | Australia          | 29/09/2025 | 12:45-12:55 | 49     |
| Alissa           | Chavalithumrong | 100886 | Advancing Space Education Through the Zero Robotics High School Program   | E1. IAF SPACE EDUCATION AND OUTREACH SYMPOSIUM   | Massachusetts Institute of Technology        | United States      | 29/09/2025 | 13:15-13:25 | 49     |
| Mi-jin           | Yoo             | 96362  | Three-Year Experience and Follow-Up of the Space Career Mentoring Program for University Students by the Korea public institute.  | E1. IAF SPACE EDUCATION AND OUTREACH SYMPOSIUM   | Korea AeroSpace Agency (KASA)                | Korea, Republic of | 29/09/2025 | 12:55-13:05 | 50     |
| Rahil            | Aghabayli       | 96607  | Fostering diversity in space exploration: addressing barriers and enhancing opportunities for underrepresented groups   | E1. IAF SPACE EDUCATION AND OUTREACH SYMPOSIUM   | Azerbaijan State Oil and Industry University | Azerbaijan         | 29/09/2025 | 12:55-13:05 | 52     |
| Axel             | Núñez Arzola    | 94264  | The International Pre-University Space Program (IPSP)   | E1. IAF SPACE EDUCATION AND OUTREACH SYMPOSIUM   | Facultad de Ingeniería-UNAM                  | Mexico             | 29/09/2025 | 13:05-13:15 | 50     |
| Yan              | Shen            | 96825  | Trajectory Optimization and Impact Strategy for Asteroid Defense: A Dual-Spacecraft Mission to Deflect Asteroid 2020 BD11   | E10. IAF SYMPOSIUM ON PLANETARY DEFENSE AND NEAR-EARTH OBJECTS                         | Beijing University of Technology             | China              | 29/09/2025 | 13:15-13:25 | 58     |
| Penghao          | Qiao            | 97712  | Optimal Trajectory Deflection of Potentially Hazardous Asteroids Based on Kinetic Impact of Intermediate Asteroids  | E10. IAF SYMPOSIUM ON PLANETARY DEFENSE AND NEAR-EARTH OBJECTS                         | Beijing University of Technology             | China              | 29/09/2025 | 13:25-13:35 | 58     |
| Florence Pauline | Basubas         | 99074  | Charting the History and Advancing Future Directions of Space Medicine and Biology in the Philippines   | E11. IAF SYMPOSIUM ON EMERGING SPACE ECOSYSTEMS  | Space Generation Advisory Committee          | The Philippines    | 29/09/2025 | 13:25-13:35 | 59     |
| Shena            | Howell          | 103314 | The non-prescriptive approach of the Australian Space (Launches and Returns) regulations: ensuring safety while supporting space industry   | E3. 38th IAA SYMPOSIUM ON SPACE POLICY, REGULATIONS AND ECONOMICS                      | Shoal Group                                  | Australia          | 29/09/2025 | 13:35-13:45 | 52     |
| Ghanim           | Alotaibi        | 98498  | Space Renaissance Event: Expanding Humanity to Outer Space (EHTOS)  | E1. IAF SPACE EDUCATION AND OUTREACH SYMPOSIUM   | Space Renaissance International              | Kuwait             | 29/09/2025 | 13:35-13:45 | 51     |
| Ankit            | Khanal          | 94475  | Challenges Faced by Emerging Space Nations in the Absence of Space Law and Policy: The Case of Nepal and the Need for Space Law and Policy Frameworks   | E3. 38th IAA SYMPOSIUM ON SPACE POLICY, REGULATIONS AND ECONOMICS                      | Nepal Academy of Science and Technology      | Nepal              | 29/09/2025 | 13:05-13:15 | 52     |
| Anna             | Hurova          | 94534  | Legal and Financial Challenges in the Eastern European Space Sector: The Role of the Space Protocol in Enhancing Creditor Protection  | E3. 38th IAA SYMPOSIUM ON SPACE POLICY, REGULATIONS AND ECONOMICS                      | International Institute of Space Law         | Ukraine            | 29/09/2025 | 12:45-12:55 | 53     |
| Dale             | Giancono        | 102087 | All-Sky Synchronised Video Camera Array for Real-Time Fireball Detection, Data Reduction, and Reporting   | E10. IAF SYMPOSIUM ON PLANETARY DEFENSE AND NEAR-EARTH OBJECTS                         | Curtin University of Technology              | Australia          | 29/09/2025 | 13:35-13:45 | 57     |
| Junji            | Kikuchi         | 97975  | Earth Defense Orbit: Multiple Flyby of Near-Earth Asteroid for Planetary Defense and Resource Investigation   | E10. IAF SYMPOSIUM ON PLANETARY DEFENSE AND NEAR-EARTH OBJECTS                         | Japan Aerospace Exploration Agency           | Japan              | 29/09/2025 | 13:25-13:35 | 57     |
| Zsófia           | Biró            | 102527 | Innovative Business Models for a Circular Lunar Economy: Public-Private Partnerships  | E6. IAF BUSINESSES AND INNOVATION SYMPOSIUM  | Space Generation Advisory Committee          | Poland             | 29/09/2025 | 13:35-13:45 | 53     |
| Giovane          | Morais          | 98634  | Detection and Tracking of Near-Earth Objects (NEOs): An Approach with Refined Astrometry and Differential Photometry in Python  | E10. IAF SYMPOSIUM ON PLANETARY DEFENSE AND NEAR-EARTH OBJECTS                         | Instituto Tecnológico de Aeronáutica         | Brazil             | 29/09/2025 | 13:35-13:45 | 58     |
| Peter            | Swan            | 94914  | Modern-Day Space Elevators' Strengths lead to Rapid Response Planetary Defense  | E10. IAF SYMPOSIUM ON PLANETARY DEFENSE AND NEAR-EARTH OBJECTS                         | Space Elevator Development                   | United States      | 29/09/2025 | 12:45-12:55 | 59     |
| Guoyu            | Wang            | 102398 | Sustainability and Outer Space Law: A Legal Framework for Long-Term Space Governance  | E7. ISL COLLOQUIUM ON THE LAW OF OUTER SPACE   | Beijing Institute of Technology              | China              | 29/09/2025 | 13:25-13:35 | 56     |
| Onur             | Çelik           | 102383 | Design of elliptic orbit constellations for solar reflectors for terrestrial solar energy enhancement   | C1. IAF ASTRODYNAMICS SYMPOSIUM  | Delft University of Technology               | The Netherlands    | 29/09/2025 | 13:25-13:35 | 33     |
| Joel             | Eldo            | 100180 | Electrohydrodynamic Plasma Generators for Enhanced Electrospray Thruster Performance  | C4. IAF SPACE PROPULSION SYMPOSIUM   | Technical University of Munich               | Germany            | 29/09/2025 | 12:45-12:55 | 41     |
| Beatrice         | Jones           | 103535 | An Integrated Probabilistic Multidisciplinary 3D Modelling Methodology to Advance Lunar Resource Assessments for ISRU Evaluations<br>Supporting Moon-to-Mars Exploration  | A5. 28th IAA SYMPOSIUM ON HUMAN EXPLORATION OF THE SOLAR SYSTEM                        | [unlisted]                                   | New Zealand        | 29/09/2025 | 12:55-13:05 | 14     |

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|------------------|---------------|--------|---|--|---------------------------------|----------------------|------------|-------------|--------|
| Anar             | Mammadov (Mam | 103616 | Pioneering Novel Drug Delivery Platforms for Extended Space Missions  | A1. IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM          | Azerbaijan Medical University   | Azerbaijan           | 29/09/2025 | 13:25-13:35 | 5      |
| Hayley           | Richardson    | 99119  | Opportunistic Space-Based Space Situation Awareness using Star Trackers   | B4. 32nd IAA SYMPOSIUM ON SMALL SATELLITE MISSIONS | Inovor Technologies             | Australia            | 29/09/2025 | 13:15-13:25 | 31     |
| Mrudhula         | Vijayakumar   | 96057  | Machine learning Approaches for Antenna Servo Control System Failure Prediction   | B6. IAF SPACE OPERATIONS SYMPOSIUM                 |                                 | India                | 29/09/2025 | 13:05-13:15 | 33     |
| Mariam           | Alhammadi     | 96366  | Testing Campaign of the Solar Electric Propulsion System for the Emirates Mission to the Asteroid Belt  | C4. IAF SPACE PROPULSION SYMPOSIUM                 | Technology Innovation Institu   | United Arab Emirates | 29/09/2025 | 13:05-13:15 | 40     |
| Xuesong          | Guo           | 97740  | design and testing of a variable thrust hydrogen peroxide/kerosene propulsion system pressurized by electric pumps  | C4. IAF SPACE PROPULSION SYMPOSIUM                 | School of Astronautics, Beih    | China                | 29/09/2025 | 13:05-13:15 | 43     |
| Abigail          | MacGillivray  | 95934  | Development and Qualification Testing of Microsatellite-Class Deployable Drag Sails   | C2. IAF MATERIALS AND STRUCTURES SYMPOSIUM         | Space Flight Laboratory, Univ   | Canada               | 29/09/2025 | 13:35-13:45 | 36     |
| Jafer            | Sadig         | 103493 | analysis of the application of new generation nuclear batteries in reconnaissance ground vehicles   | A3. IAF SPACE EXPLORATION SYMPOSIUM                | National Aviation Academy - A   | Azerbaijan           | 29/09/2025 | 13:15-13:25 | 9      |
| Ivan             | Fino          | 103762 | Comparative Insights on Liability for Damages and Mandatory Insurance Coverage from the Perspective of Domestic Law: An Analysis of the Italian Space Bill and French Legislation | E7. IISL COLLOQUIUM ON THE LAW OF OUTER SPACE      | Sant'Anna School of Advance     | Italy                | 29/09/2025 | 13:35-13:45 | 56     |
| Martina          | Ferrauto      | 95694  | Modeling and Real-Time Simulation of Spacecraft Berthing: Orbital Dynamics and Lumped Parameter Systems in Proximity Operations   | C2. IAF MATERIALS AND STRUCTURES SYMPOSIUM         | Politecnico di Torino           | Italy                | 29/09/2025 | 13:15-13:25 | 37     |
| Seur Gi          | Jo            | 95224  | Spacecraft rendezvous and proximity operations using computer vision and SE(3) dynamics   | C1. IAF ASTRODYNAMICS SYMPOSIUM                    | Embry-Riddle Aeronautical Un    | United States        | 29/09/2025 | 12:45-12:55 | 34     |
| Catello Leonardo | Matonti       | 98467  | Extended Reality for Space and Astronautical Engineering Applications   | D1. IAF SPACE SYSTEMS SYMPOSIUM                    | Politecnico di Torino           | Italy                | 29/09/2025 | 12:55-13:05 | 44     |
| Chengyu          | Ma            | 100624 | Water-Based Integrated Multimodal Propulsion: A Disruptive Solution for Efficient In-Orbit Servicing and Space Debris Removal Missions  | C4. IAF SPACE PROPULSION SYMPOSIUM                 | Chinese Academy of Sciences     | China                | 29/09/2025 | 12:45-12:55 | 42     |
| Ivy              | Mayor         | 103135 | Long term effect of microgravity in the astronaut microbiome and strategies for mitigation: A systematic review   | A1. IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM          | Space Generation Advisory Co    | Sweden               | 29/09/2025 | 13:05-13:15 | 6      |
| Snehasri         | Ravishankar   | 103234 | Why Should we Care About Astrobiology?  | A1. IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM          | International Space University  | France               | 29/09/2025 | 13:15-13:25 | 3      |
| Cameron          | Shetler       | 99444  | Spaceflight and Rashes: Current Research and Countermeasures for Combating a Common Complaint of Astronauts   | A1. IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM          | University of Melbourne         | Australia            | 29/09/2025 | 12:55-13:05 | 6      |
| Leyla            | Aghayeva      | 100038 | fonturacetam: a new analog of sydnocarb   | A1. IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM          | Azerbaijan Medical University   | Azerbaijan           | 29/09/2025 | 13:05-13:15 | 4      |
| Rucha            | Kelkar        | 98943  | Results from Polaris Dawn: impacts of short-duration space flight on human brain morphology   | A1. IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM          | Medical University of South Ca  | United States        | 29/09/2025 | 13:15-13:25 | 1      |
| Abdallahman      | Alshamaileh   | 98392  | Design and Deployment of a Custom-Built Remotely Operated Vehicle for Simulating Space Exploration.   | A1. IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM          | Jordan University of Science &  | Jordan               | 29/09/2025 | 12:45-12:55 | 2      |
| Fay              | Ghani         | 97406  | On the Way to Mars: Navigating the Possible Impacts of Cosmic Radiation on Leukemia Risk  | A1. IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM          | Mayo Clinic                     | United States        | 29/09/2025 | 13:05-13:15 | 3      |
| Taja             | Jafarova      | 96848  | bone marrow   | A1. IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM          | Azerbaijan Sports Academy       | Azerbaijan           | 29/09/2025 | 12:55-13:05 | 4      |
| Shuo             | Liu           | 97519  | AI/CG-Based Intelligent System for Astronauts' Psychological Health Management  | A1. IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM          | Harbin Institute of Technology  | China                | 29/09/2025 | 12:55-13:05 | 2      |
| Narmina          | Ibrahimova    | 97170  | Psychological Resilience and Mental Health Strategies for Long-Duration Space Missions  | A1. IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM          | Azerbaijan State Oil and Indus  | Azerbaijan           | 29/09/2025 | 13:25-13:35 | 1      |
| Majd             | Alsadi        | 97148  | Advancements in Astrobiology and Space Exploration  | A1. IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM          | [unlisted]                      | Jordan               | 29/09/2025 | 13:15-13:25 | 6      |
| Anar             | Mammadov (Mam | 95008  | Unveiling Temporal Signatures in Human Urine: A Novel Platform for Biological Analysis and Potential Therapeutic Discovery  | A1. IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM          | Azerbaijan Medical University   | Azerbaijan           | 29/09/2025 | 13:25-13:35 | 4      |
| Changqing        | Ding          | 101493 | Hopper-Based Lunar-Penetrating Radar Imaging  | A3. IAF SPACE EXPLORATION SYMPOSIUM                | School of Aerospace, Tsinghu    | China                | 29/09/2025 | 13:35-13:45 | 9      |
| Atakan           | Durmaz        | 102536 | Simulation and Control of an Unmanned Lunar Rover at the Moon's South Pole: Leveraging Challenging Illumination Conditions for Enhanced Exploration                               | A3. IAF SPACE EXPLORATION SYMPOSIUM                | Middle East Technical Univers   | Türkiye              | 29/09/2025 | 13:25-13:35 | 10     |
| Samet            | Karakas       | 101800 | MarsRad: Algorithmic Model for Monitoring and Analyzing Mars Environmental Effects on Human Cells   | A3. IAF SPACE EXPLORATION SYMPOSIUM                | Independent Researcher          | Türkiye              | 29/09/2025 | 12:45-12:55 | 10     |
| Jing             | Liu           | 101786 | flyby spacecraft assisted optical navigation method for approach phase of asteroid kinetic impact   | A3. IAF SPACE EXPLORATION SYMPOSIUM                | Beijing Institute of Technology | China                | 29/09/2025 | 13:25-13:35 | 13     |
| Melek            | Baghirova     | 102671 | pulsars as beacons: enabling deep-space autonomous navigation   | A3. IAF SPACE EXPLORATION SYMPOSIUM                | National Aviation Academy - A   | Azerbaijan           | 29/09/2025 | 13:05-13:15 | 8      |
| Chenhao          | Ouyang        | 102996 | gravity compensation system for lunar rovers with point cloud terrain-based height prediction   | A3. IAF SPACE EXPLORATION SYMPOSIUM                | Northwestern Polytechnical U    | China                | 29/09/2025 | 13:25-13:35 | 11     |
| Surya Pratap     | Singh         | 99007  | Refining of regolith derived ferrosilicon alloys for the lunar steel production   | A3. IAF SPACE EXPLORATION SYMPOSIUM                | Swinburne University of Techn   | Australia            | 29/09/2025 | 13:35-13:45 | 8      |

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|---------------|----------------|--------|--|--|---------------------------------|------------------------|------------|-------------|--------|
| Belinda       | Rich           | 98869  | Controlled cooling apparatus for evaluating lunar heat transfer conditions in ISRU aluminium processing  | A3. IAF SPACE EXPLORATION SYMPOSIUM  | Swinburne University of Techn   | Australia              | 29/09/2025 | 13:15-13:25 | 8      |
| Yaqoob        | Alqassab       | 100035 | AI-Driven Cooperative Path Planning for Lunar Rover Swarms in Polar Regions  | A3. IAF SPACE EXPLORATION SYMPOSIUM  | National Space Science Agen     | Bahrain                | 29/09/2025 | 12:55-13:05 | 10     |
| Mang          | Wang           | 99776  | maneuver detection for non-cooperative objects in cis-lunar space  | A3. IAF SPACE EXPLORATION SYMPOSIUM  | National Key Laboratory of Aer  | China                  | 29/09/2025 | 13:15-13:25 | 12     |
| Gail          | Iles           | 99970  | Geochemical Data of the Curiosity Rover on Mars in LithoSpace  | A3. IAF SPACE EXPLORATION SYMPOSIUM  | RMIT University (Royal Melbou   | Australia              | 29/09/2025 | 13:05-13:15 | 9      |
| Haiyun        | Su             | 100348 | illumination-adaptive distributed task planning for robotic clusters in long-term lunar base   | A3. IAF SPACE EXPLORATION SYMPOSIUM  | National Key Laboratory of Aer  | China                  | 29/09/2025 | 13:15-13:25 | 11     |
| Fanyi         | Liu            | 100260 | Omega-k Algorithm with an Improved Stolt Interpolation Strategy for SHARAD Data  | A3. IAF SPACE EXPLORATION SYMPOSIUM  | School of Aerospace, Tsinghu    | China                  | 29/09/2025 | 13:35-13:45 | 13     |
| Shenghao      | Wang           | 100339 | a lunar surface multi-mode locomotion soft robot based on asymmetric design  | A3. IAF SPACE EXPLORATION SYMPOSIUM  | Northwestern Polytechnical U    | China                  | 29/09/2025 | 13:05-13:15 | 11     |
| Anar          | Mammadov (Mamm | 100898 | Blue Ghost Mission 1: Autonomous Lunar Operations and Scientific Payload Deployment for Future Exploration   | A3. IAF SPACE EXPLORATION SYMPOSIUM  | Azerbaijan Medical University   | Azerbaijan             | 29/09/2025 | 13:35-13:45 | 12     |
| KshitiJ       | Mall           | 100960 | System Design of Mission ShakthiSAT Involving a Semi-hard Moon Impactor  | A3. IAF SPACE EXPLORATION SYMPOSIUM  | Purdue University               | United States          | 29/09/2025 | 13:15-13:25 | 7      |
| Oliver        | Bensch         | 101078 | A RAG-Enabled Large Language Model with Knowledge Graph Integration for Live Telemetry-Driven AI Assistance of Lunar Payload Operations                          | A3. IAF SPACE EXPLORATION SYMPOSIUM  | German Aerospace Center (DLR)   | Germany                | 29/09/2025 | 13:35-13:45 | 10     |
| Abdallahman   | Alshamaileh    | 98512  | From Deep Sea to Deep Space: using deep learning approach By Integrating Image Recognition model into Remotely Operated Vehicle for Space Inspection Simulations | A3. IAF SPACE EXPLORATION SYMPOSIUM  | Jordan University of Science &  | Jordan                 | 29/09/2025 | 13:15-13:25 | 10     |
| Jey Pradeep   | Arumugam       | 98052  | AI-Enhanced Laser-Induced Breakdown Spectroscopy for Planetary Exploration   | A3. IAF SPACE EXPLORATION SYMPOSIUM  | Vellore Institute of Technolog  | India                  | 29/09/2025 | 12:55-13:05 | 11     |
| Jake          | Maughan        | 96833  | understanding the nature of permanently shadowed regions on the moon using high-speed impact events  | A3. IAF SPACE EXPLORATION SYMPOSIUM  | Curtin University               | Australia              | 29/09/2025 | 12:55-13:05 | 7      |
| Andrea        | Valmorbida     | 97243  | HARVESTING SOLAR ENERGY FOR PROPULSION: A BREAKTHROUGH IN GREEN MOBILITY FOR SPACE APPLICATIONS  | A6. 23rd IAA SYMPOSIUM ON SPACE DEBRIS   | University of Padova - DIV/CISA | Italy                  | 29/09/2025 | 13:35-13:45 | 21     |
| Mikhael       | Sayat          | 98071  | Detecting Gravitational Phase Shift with Quantum Optical Interferometers   | A7. IAF SYMPOSIUM ON ONGOING AND NEAR FUTURE SPACE ASTRONOMY AND SOLAR-SYSTEM SCIENCE MISSIONS | Agency for Science, Technolo    | Singapore, Republic of | 29/09/2025 | 13:15-13:25 | 23     |
| Rahul Dada    | Sharmale       | 94347  | Enhancing Space Situational Awareness (SSA) with Optimized Trailing Satellite Formation and Conjunction Analysis for Earth's Coverage in LEO.                    | A6. 23rd IAA SYMPOSIUM ON SPACE DEBRIS   | Space Machines Company          | India                  | 29/09/2025 | 13:15-13:25 | 18     |
| KaiQi         | Cui            | 95022  | Compound Poission process and launch activity  | A6. 23rd IAA SYMPOSIUM ON SPACE DEBRIS   | Purple Mountain Observatory     | China                  | 29/09/2025 | 13:15-13:25 | 19     |
| Dahyun        | Lee            | 101080 | Empowering Non-Experts: The Potential of NLP-Based AI in Remote Sensing Image Interpretation   | B1. IAF EARTH OBSERVATION SYMPOSIUM  | Korea Aerospace Research Ins    | Korea, Republic of     | 29/09/2025 | 13:35-13:45 | 23     |
| Endrit        | Shehaj         | 100974 | A machine learning approach to analyze planetary boundary layer height from GNSS radio occultation observations  | B1. IAF EARTH OBSERVATION SYMPOSIUM  | Massachusetts Institute of Te   | United States          | 29/09/2025 | 12:45-12:55 | 24     |
| Lingyun       | Gu             | 96881  | A Circular Representation-Based Remote Sensing Object Detection Method For Rapid Earth Observation   | B1. IAF EARTH OBSERVATION SYMPOSIUM  | School of Aerospace, Tsinghu    | China                  | 29/09/2025 | 13:35-13:45 | 25     |
| Yifan         | Cai            | 101015 | Constellation Management Optimisation for Rapid and Sustained Coverage in Emergency Earth Observation  | B1. IAF EARTH OBSERVATION SYMPOSIUM  | Politecnico di Milano           | Italy                  | 29/09/2025 | 13:25-13:35 | 25     |
| Nathan        | Wallace        | 99096  | Distributed Autonomous Mission Planning for Resource-Constrained Satellites: Implementation on the Buccaneer Main Mission CubeSat                                | B1. IAF EARTH OBSERVATION SYMPOSIUM  | The University of Sydney        | Australia              | 29/09/2025 | 12:45-12:55 | 25     |
| Longwei       | Xu             | 97611  | An Autonomous Mission Planning Method for Earth Observation Satellites Based on Reinforcement Learning   | B1. IAF EARTH OBSERVATION SYMPOSIUM  | Harbin Institute of Technology  | China                  | 29/09/2025 | 13:35-13:45 | 24     |
| naeun         | kim            | 95345  | initial performance and calibration of the neonsat system: paving the way for small satellite constellations   | B1. IAF EARTH OBSERVATION SYMPOSIUM  | Satrec Initiative               | Korea, Republic of     | 29/09/2025 | 13:25-13:35 | 24     |
| Michael       | Copeland       | 99019  | Instrumentation for the ANU Quantum Optical Ground Station   | B2. IAF SPACE COMMUNICATIONS AND NAVIGATION SYMPOSIUM  | Australian National University  | Australia              | 29/09/2025 | 13:35-13:45 | 27     |
| Heejung       | Yu             | 98982  | Optimization of Resource Allocation and ISL Compression in IAB-based Regenerative LEO Networks   | B2. IAF SPACE COMMUNICATIONS AND NAVIGATION SYMPOSIUM  | Korea University                | Korea, Republic of     | 29/09/2025 | 13:25-13:35 | 28     |
| Surya Vaibhav | DVR            | 102591 | student satellite mission planning for earth imaging payload application   | B2. IAF SPACE COMMUNICATIONS AND NAVIGATION SYMPOSIUM  | Indian Institute of Managemen   | India                  | 29/09/2025 | 13:35-13:45 | 28     |
| Aysha         | Alharam        | 100328 | Evaluating Lattice-Based Cryptography for Secure CubeSat Communications in LEO   | B2. IAF SPACE COMMUNICATIONS AND NAVIGATION SYMPOSIUM  | National Space Science Agen     | Bahrain                | 29/09/2025 | 13:35-13:45 | 26     |
| Amal          | Mirzayev       | 98324  | ai powered cubesats for iot communication  | B2. IAF SPACE COMMUNICATIONS AND NAVIGATION SYMPOSIUM  | National Aviation Academy - A   | Azerbaijan             | 29/09/2025 | 13:05-13:15 | 29     |
| Elisa         | Jager          | 99681  | Establishing Lunar Optical Communications Capability at ANU's Quantum Optical Ground Station.  | B2. IAF SPACE COMMUNICATIONS AND NAVIGATION SYMPOSIUM  | Australian National University  | Australia              | 29/09/2025 | 13:15-13:25 | 26     |
| SOOYEON       | KANG           | 97687  | The Challenges of developing DTN protocol for embedding on flight software   | B2. IAF SPACE COMMUNICATIONS AND NAVIGATION SYMPOSIUM  | Korea Aerospace Research Ins    | Korea, Republic of     | 29/09/2025 | 13:05-13:15 | 28     |

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|-----------|-----------------|--------|---|---|---------------------------------|------------------------|------------|-------------|--------|
| Mikhael   | Sayat           | 98044  | A Virtual Global Quantum Network Platform   | B2. IAF SPACE COMMUNICATIONS AND NAVIGATION SYMPOSIUM | Agency for Science, Technolo    | Singapore, Republic of | 29/09/2025 | 12:45-12:55 | 28     |
| Eberhard  | Gill            | 94661  | FREE: A Research Program for Optical Wireless Superhighways   | B2. IAF SPACE COMMUNICATIONS AND NAVIGATION SYMPOSIUM | Delft University of Technology  | The Netherlands        | 29/09/2025 | 12:45-12:55 | 29     |
| Zihong    | Zhou            | 96795  | an stk-based systematic orbit simulation for spaceborne gnss receiver design  | B2. IAF SPACE COMMUNICATIONS AND NAVIGATION SYMPOSIUM | Hong Kong Polytechnic Univer    | Hong Kong SAR, China   | 29/09/2025 | 12:55-13:05 | 29     |
| Yang      | Zhao            | 97756  | Research on a self-optimization TT&C scheme of giant constellation based on ISL   | B2. IAF SPACE COMMUNICATIONS AND NAVIGATION SYMPOSIUM | Beijing Space Quest Ltd.        | China                  | 29/09/2025 | 13:15-13:25 | 27     |
| Samiksha  | Raviraja        | 103210 | AI as an Astronaut? Evaluating AI-Driven Autonomous Crews for Deep-Space Missions   | B3. IAF HUMAN SPACEFLIGHT SYMPOSIUM                   | Airbus Defence and Space        | United Kingdom         | 29/09/2025 | 13:35-13:45 | 29     |
| Ming      | Zhu             | 95540  | Neuromorphic Computing: A Bio-Inspired Approach to High-Altitude Platform Stabilisation with Visual Odometry                              | B2. IAF SPACE COMMUNICATIONS AND NAVIGATION SYMPOSIUM | The University of Sydney        | Australia              | 29/09/2025 | 12:55-13:05 | 28     |
| Shungo    | Kadonosono      | 98876  | Mechanical Characteristics of Variable Shape Membrane for Thermal Control Devices on Small Spacecraft                                     | B4. 32nd IAA SYMPOSIUM ON SMALL SATELLITE MISSIONS    | National Defense Academy of     | Japan                  | 29/09/2025 | 13:25-13:35 | 31     |
| Andrew    | Barlow          | 98782  | Software to Enable Batch Acceptance Testing of On-Board Computers for Small Satellites  | B4. 32nd IAA SYMPOSIUM ON SMALL SATELLITE MISSIONS    | Space Flight Laboratory, Univ   | Canada                 | 29/09/2025 | 12:45-12:55 | 31     |
| Peiyang   | Li              | 94312  | Study on S-ALE Method of Pyrotechnic Separation Simulation Test   | C2. IAF MATERIALS AND STRUCTURES SYMPOSIUM            | Beijing Institute of Technology | China                  | 29/09/2025 | 12:55-13:05 | 38     |
| Elia      | puccinelli      | 100403 | Feasibility Analysis of an Innovative Bimodal Ammonia Nuclear Thermal and Electric Rocket (BANTER)  | C4. IAF SPACE PROPULSION SYMPOSIUM                    | University of Pisa              | Italy                  | 29/09/2025 | 13:15-13:25 | 39     |
| Nico      | von Eckartsberg | 100534 | Validation of Regenerative Cooling Design Tool through Development and Test of a Liquid Rocket Engine                                     | C4. IAF SPACE PROPULSION SYMPOSIUM                    | University of Southern Califor  | United States          | 29/09/2025 | 13:35-13:45 | 39     |
| Felix     | Ebert           | 100881 | Model-based Rocket Hopper and Propulsion System Design Optimisation   | C4. IAF SPACE PROPULSION SYMPOSIUM                    | Technical University of Munic   | Germany                | 29/09/2025 | 13:15-13:25 | 41     |
| Abishek   | Shrestha        | 102391 | Combustion Modelling and Design of Miniature Pulsed Electric Propulsion System Using Electrically Ignited Solid Propellant                | C4. IAF SPACE PROPULSION SYMPOSIUM                    |                                 | Australia              | 29/09/2025 | 13:25-13:35 | 42     |
| Sung      | Yoon            | 96794  | effects of valve opening sequences on startup characteristics of a 100 tonf-class methane gas-generator cycle engine                      | C4. IAF SPACE PROPULSION SYMPOSIUM                    | University of Science and Tech  | Korea, Republic of     | 29/09/2025 | 13:15-13:25 | 40     |
| Tianwen   | Li              | 99126  | LSTM-Based Post-Mission Assessment of Reusable Rocket Engines   | C4. IAF SPACE PROPULSION SYMPOSIUM                    | School of Astronautics, Beih    | China                  | 29/09/2025 | 12:55-13:05 | 41     |
| Lisa      | Lopez           | 99476  | application of a nitrogen gas diffuser in the oxidizer tank of a bi-propellant feed system  | C4. IAF SPACE PROPULSION SYMPOSIUM                    | University of Southern Califor  | United States          | 29/09/2025 | 13:25-13:35 | 39     |
| Rushabh   | Pawnikar        | 99695  | Enhancing Throttle Performance Through Mixture Ratio Control in Liquid Rocket Engines   | C4. IAF SPACE PROPULSION SYMPOSIUM                    | University of Southern Califor  | United States          | 29/09/2025 | 12:55-13:05 | 40     |
| seungyeop | Baek            | 100071 | Ground test of nitrous oxide/ethane premixed thruster for satellite flight maneuvering  | C4. IAF SPACE PROPULSION SYMPOSIUM                    | Chosun University               | Korea, Republic of     | 29/09/2025 | 13:35-13:45 | 42     |
| Weiran    | Li              | 97897  | numerical analysis of central fluid effects on GH2/GO2 coaxial injector   | C4. IAF SPACE PROPULSION SYMPOSIUM                    | School of Astronautics, Beih    | China                  | 29/09/2025 | 13:05-13:15 | 42     |
| Myoungjin | Kim             | 100290 | Electrically Operated and Controlled Solid Divert and Attitude Control Propulsion System for Small Satellite                              | C4. IAF SPACE PROPULSION SYMPOSIUM                    | [unlisted]                      | Korea, Republic of     | 29/09/2025 | 13:35-13:45 | 40     |
| Kelly     | Ash             | 101175 | Characterizing the Ignition Boundaries of a Gaseous Oxygen-Methane Augmented Spark Igniter for Reusable Liquid-Propellant Rocket Engines  | C4. IAF SPACE PROPULSION SYMPOSIUM                    | University of Southern Califor  | United States          | 29/09/2025 | 13:15-13:25 | 42     |
| Jordan    | Kam             | 101694 | Demonstration of an fault investigation user interface for supporting earth-independent operations in future crewed Mars missions         | D1. IAF SPACE SYSTEMS SYMPOSIUM                       | University of California, Berke | United States          | 29/09/2025 | 13:05-13:15 | 45     |
| JINHA     | HWANG           | 97981  | Development of novel solid reaction control system for small satellite using electrically controlled solid propellant                     | C4. IAF SPACE PROPULSION SYMPOSIUM                    | Chosun University               | Korea, Republic of     | 29/09/2025 | 12:45-12:55 | 40     |
| Jiaqi     | Li              | 96882  | study on cryogenic propellant retention technology for the upper stage of launch vehicles   | C4. IAF SPACE PROPULSION SYMPOSIUM                    | Beihang University (BUAA)       | China                  | 29/09/2025 | 13:05-13:15 | 41     |
| Bowei     | Jiao            | 96199  | Optimization of Regenerative Cooling Channel Topology for LOX/Methane Engine Throat Section under Extreme Thermal Conditions              | C4. IAF SPACE PROPULSION SYMPOSIUM                    | Beihang University (BUAA)       | China                  | 29/09/2025 | 12:55-13:05 | 43     |
| Minwoo    | Lee             | 96109  | Development and numerical validation of a novel fractal flame arrestor for flashback prevention in premixed NOFB thrusters                | C4. IAF SPACE PROPULSION SYMPOSIUM                    | Hambat National University      | Korea, Republic of     | 29/09/2025 | 13:35-13:45 | 41     |
| Tomas     | Mrazek          | 100681 | Towards a water-based space economy   | D1. IAF SPACE SYSTEMS SYMPOSIUM                       | Technical University of Munic   | Germany                | 29/09/2025 | 13:35-13:45 | 44     |
| DongHyeon | Nam             | 98642  | heterogeneous slam integration in satellite formation flying for orbital docking  | D1. IAF SPACE SYSTEMS SYMPOSIUM                       | Chosun University               | Korea, Republic of     | 29/09/2025 | 12:45-12:55 | 44     |
| Federico  | Mustich         | 96605  | 6-DoF Pose Estimation for Planetary Rovers: A Spatial Orientation Solution Using Vision Transformers and Uncertainty-Aware Learning       | D1. IAF SPACE SYSTEMS SYMPOSIUM                       | Politecnico di Torino           | Italy                  | 29/09/2025 | 13:15-13:25 | 43     |
| Giulio    | Polato          | 98830  | Advancements in spacecraft proximity operations testing: a mid-journey analysis of the SPARTANS facility toward the next challenges ahead | D1. IAF SPACE SYSTEMS SYMPOSIUM                       | University of Trento, Departm   | Italy                  | 29/09/2025 | 12:55-13:05 | 45     |
| Yuxin     | Yu              | 99982  | Distributed Cooperative Decision-Making Methods for Space Non-Cooperative Targets Capture   | D1. IAF SPACE SYSTEMS SYMPOSIUM                       | Northwestern Polytechnical U    | China                  | 29/09/2025 | 13:35-13:45 | 43     |



| First             | Last             | Id     | Title  | Symposium  | Company                                      | Country            | Date       | Time        | Screen |
|-------------------|------------------|--------|--|--|--|--------------------|------------|-------------|--------|
| Emil              | Ares             | 100298 | A Low-Earth Orbit Narrowband Communications and Navigation Constellation Study   | D1. IAF SPACE SYSTEMS SYMPOSIUM  | Cranfield University                         | United Kingdom     | 29/09/2025 | 13:15-13:25 | 44     |
| Mohan             | Tamang           | 95249  | developing a cost effective launch solutions with hybrid rocket engines  | D2. IAF SPACE TRANSPORTATION SOLUTIONS AND INNOVATIONS SYMPOSIUM                       | Mach24 Orbitals                              | Nepal              | 29/09/2025 | 13:25-13:35 | 46     |
| Zhuo              | Zhang            | 97041  | Overcoming Real-Time Barriers in Rocket Landing: A Hybrid LCvx-DNN Framework with Dynamic Constraints  | D2. IAF SPACE TRANSPORTATION SOLUTIONS AND INNOVATIONS SYMPOSIUM                       | National Key Laboratory of Air               | China              | 29/09/2025 | 13:15-13:25 | 46     |
| Nijanthan         | Vasudevan        | 101540 | AI-Driven Autonomous Robotics for Scalable Lunar and Martian Infrastructure Optimizing ISRU Swarm Construction and Decentralized Control         | D3. 23rd IAA SYMPOSIUM ON BUILDING BLOCKS FOR FUTURE SPACE EXPLORATION AND DEVELOPMENT | Drexel University                            | United States      | 29/09/2025 | 12:55-13:05 | 47     |
| Aquililia         | Starling         | 99299  | The Minerva Program: A Concept of Operations for Sustainable Lunar Habitation  | D3. 23rd IAA SYMPOSIUM ON BUILDING BLOCKS FOR FUTURE SPACE EXPLORATION AND DEVELOPMENT | Sasakawa International Center                | United States      | 29/09/2025 | 13:15-13:25 | 47     |
| Marco             | Sewtz            | 95717  | A Phase 0 Feasibility Study of a COTS GPU-Based Platform for Onboard AI in Space Missions  | D1. IAF SPACE SYSTEMS SYMPOSIUM  | German Aerospace Center (DLR)                | Germany            | 29/09/2025 | 13:25-13:35 | 43     |
| Nijanthan         | Vasudevan        | 95955  | Adaptive Exoskeleton and VR Simulation Framework for Enhanced Astronaut Mobility in Partial-Gravity Environments                                 | D3. 23rd IAA SYMPOSIUM ON BUILDING BLOCKS FOR FUTURE SPACE EXPLORATION AND DEVELOPMENT | Drexel University                            | United States      | 29/09/2025 | 12:45-12:55 | 47     |
| Axel              | Núñez Arzola     | 94269  | Lunar Cloud Services   | D3. 23rd IAA SYMPOSIUM ON BUILDING BLOCKS FOR FUTURE SPACE EXPLORATION AND DEVELOPMENT | Facultad de Ingeniería-UNAM                  | Mexico             | 29/09/2025 | 13:25-13:35 | 48     |
| Maria             | Casanovas Crespo | 101772 | Empowering the Next Generation: Insights from the ACHIEVED Competition Supporting Students and Young Space Professionals                         | E1. IAF SPACE EDUCATION AND OUTREACH SYMPOSIUM   | Space Generation Advisory Council            | Spain              | 29/09/2025 | 12:45-12:55 | 52     |
| Yuyao             | Zhang            | 98124  | The International Legal Regulation of Space Object Re-entry and China's Position   | E7. IISL COLLOQUIUM ON THE LAW OF OUTER SPACE  | Beijing Institute of Technology              | China              | 29/09/2025 | 12:45-12:55 | 56     |
| Georgina          | Chavez           | 96024  | Building Bolivia's Space Ecosystem: Challenges, Opportunities, and a Path Forward  | E11. IAF SYMPOSIUM ON EMERGING SPACE ECOSYSTEMS  | Universidad Católica Boliviana               | Bolivia            | 29/09/2025 | 12:55-13:05 | 59     |
| Amina             | Valiyeva         | 94080  | emerging space ecosystems: catalyzing innovation and global collaboration  | E11. IAF SYMPOSIUM ON EMERGING SPACE ECOSYSTEMS  | Azerbaijan State Oil and Industry University | Azerbaijan         | 29/09/2025 | 13:35-13:45 | 60     |
| Frank             | Robert           | 103729 | From Vision to Velocity: Strategy-Driven Workforce Models for Space Sector Success   | E3. 38th IAA SYMPOSIUM ON SPACE POLICY, REGULATIONS AND ECONOMICS                      |  | Australia          | 29/09/2025 | 13:15-13:25 | 53     |
| Ruonan            | Zhang            | 99405  | Configuration Optimization Design Method for Spacecraft with Stabilized Drag-Augmentation Spheres  | A6. 23rd IAA SYMPOSIUM ON SPACE DEBRIS   | Beijing Institute of Technology              | China              | 29/09/2025 | 12:45-12:55 | 19     |
| Nammi             | Choe             | 99433  | Space Policy Changes and Their Significance Since the Establishment of Korea AeroSpace Administration  | E3. 38th IAA SYMPOSIUM ON SPACE POLICY, REGULATIONS AND ECONOMICS                      | Korea Aerospace Research Institute           | Korea, Republic of | 29/09/2025 | 13:15-13:25 | 52     |
| Matteo            | El Hariry        | 100422 | Reinforcement Learning for Autonomous Visual Inspection of Space Targets   | D3. 23rd IAA SYMPOSIUM ON BUILDING BLOCKS FOR FUTURE SPACE EXPLORATION AND DEVELOPMENT | University of Luxembourg                     | Luxembourg         | 29/09/2025 | 13:25-13:35 | 47     |
| Cecilia Guadalupe | Torres Perea     | 103338 | Exploring the Universe and Exploring Our Minds: Psychological Challenges of Long-Term Space Missions   | A1. IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM  | Instituto Politécnico Nacional               | Mexico             | 29/09/2025 | 13:35-13:45 | 3      |
| Hesa              | Al Khalifa       | 97719  | Developing a National Space Traffic Coordination Framework: The NSSA Bahrain Case Study  | A6. 23rd IAA SYMPOSIUM ON SPACE DEBRIS   | Bahrain Space Agency (BSA)                   | Bahrain            | 29/09/2025 | 13:15-13:25 | 21     |
| Matheus           | Guedes           | 103810 | sari competition and international cooperation for educational and technological development   | E1. IAF SPACE EDUCATION AND OUTREACH SYMPOSIUM   | Idela Space                                  | Brazil             | 29/09/2025 | 13:35-13:45 | 48     |
| Suyi              | Liu              | 98041  | Consistency Intelligence Control Method for Coordinated Pursuit of Non-Cooperative Targets in Multi-Spacecraft Systems                           | C1. IAF ASTRODYNAMICS SYMPOSIUM  | Northwestern Polytechnical University        | China              | 29/09/2025 | 13:15-13:25 | 35     |
| Michael           | Castle-Miller    | 100653 | Lunar Freeports and Economic Zones: The Role of Special Jurisdictions in Space   | E6. IAF BUSINESSES AND INNOVATION SYMPOSIUM  | [unlisted]                                   | United States      | 29/09/2025 | 13:35-13:45 | 55     |
| Ashley            | Tirado-Pujols    | 95455  | ysz coatings for lunar applications: characterizing wear resistance and surface degradation  | C2. IAF MATERIALS AND STRUCTURES SYMPOSIUM   | Embry-Riddle Aeronautical University         | United States      | 29/09/2025 | 12:45-12:55 | 38     |
| Diletta           | Sciti            | 95802  | Ultra-High Temperature Ceramic Matrix Composites: Their Performance in Relevant Environments   | C2. IAF MATERIALS AND STRUCTURES SYMPOSIUM   | CNR - ISSMC                                  | Italy              | 29/09/2025 | 13:15-13:25 | 38     |
| Iva               | Ramuš Cvetković  | 101609 | Examining the Potential of Domestic Space Legislations to Mitigate Harm Caused by Space Technology: Administrative vs. Criminal Legal Approaches | E7. IISL COLLOQUIUM ON THE LAW OF OUTER SPACE  | University of Ljubljana                      | Slovenia           | 29/09/2025 | 13:05-13:15 | 57     |
| Felix             | Liu              | 98731  | Experimental Validation of Numerical Methodologies in Liquid-Liquid Coaxial Swirl Injector Design  | C4. IAF SPACE PROPULSION SYMPOSIUM   | University of Southern California            | United States      | 29/09/2025 | 13:25-13:35 | 40     |
| Jesus             | Camacho          | 103782 | SPECTRAL ANALYSIS OF MULTISPECTRAL IMAGENES FOR THE DETECTION OF N8-TA CONCENTRATIONS IN TROPICAL AREAS  | E6. IAF BUSINESSES AND INNOVATION SYMPOSIUM  | Bolivarian Agency for Space Activities       | Venezuela          | 29/09/2025 | 13:35-13:45 | 54     |
| Michele Cristina  | Silva Melo       | 98246  | Reflections on Brazil's General Law on Space Activities and Its Impacts on the Private Space Sector  | E7. IISL COLLOQUIUM ON THE LAW OF OUTER SPACE  | Idela Space                                  | Brazil             | 29/09/2025 | 12:55-13:05 | 56     |
| Sören             | Heizmann         | 100511 | Water Electrolysis: A vital enabling Technology for upcoming Space Missions  | D1. IAF SPACE SYSTEMS SYMPOSIUM  | Technical University of Munich               | Germany            | 29/09/2025 | 13:25-13:35 | 44     |
| Lena              | Eberhardt        | 95223  | Feasibility Analysis for a Deep Space Optical Communication Link and Dimensioning of a Global Optical Ground Stations Network                    | B2. IAF SPACE COMMUNICATIONS AND NAVIGATION SYMPOSIUM                                  | ESA european space agency                    | The Netherlands    | 29/09/2025 | 13:25-13:35 | 27     |
| Stefano           | Mungiguerra      | 100112 | A Novel Versatile Test Bench for Liquid Bipropellant Rocket Testing and Numerical Combustion Simulations   | C4. IAF SPACE PROPULSION SYMPOSIUM   | Università degli Studi di Napoli             | Italy              | 29/09/2025 | 12:45-12:55 | 43     |
| Katherinne        | Herrera-Jordan   | 103201 | Space Radiation Carcinogenesis: A Computational Approach to Cancer Risks in Long-Duration Missions   | A1. IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM  | Verne Technologies S.A.                      | Guatemala          | 29/09/2025 | 12:45-12:55 | 6      |

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|-----------|------------------|--------|---|--|---|--------------------|------------|-------------|--------|
| Ruoxin    | Liu              | 103453 | international governance dilemmas and responses to artificial intelligence applications in outer space                                    | E3. 38th IAA SYMPOSIUM ON SPACE POLICY, REGULATIONS AND ECONOMICS                              | Shenzhen University                           | China              | 29/09/2025 | 13:25-13:35 | 52     |
| Raymond   | Yin              | 97043  | Introductory Teaching of Planetary Science from the Perspective of Interdisciplinary Integration: A Case Study of Stellar Nucleosynthesis | E1. IAF SPACE EDUCATION AND OUTREACH SYMPOSIUM   | Chengdu University of Techno                  | China              | 29/09/2025 | 13:05-13:15 | 49     |
| Valeria   | Borio            | 100377 | Model-Based Systems Engineering Approach for Requirements Derivation in Reusable Launch Vehicles  | D1. IAF SPACE SYSTEMS SYMPOSIUM  | Politecnico di Torino                         | Italy              | 29/09/2025 | 12:45-12:55 | 45     |
| Kiriti    | Rambhatla        | 94602  | The Kosmosuit: Next Generation End-End Spacesuit Platform   | A5. 28th IAA SYMPOSIUM ON HUMAN EXPLORATION OF THE SOLAR SYSTEM                                | [unlisted]                                    | Australia          | 29/09/2025 | 13:35-13:45 | 14     |
| AMIT      | MAJI             | 103479 | High Accuracy Active Pixel Sun Sensor (HAPSS): Success Behind Aditya-L1 Mission   | A7. IAF SYMPOSIUM ON ONGOING AND NEAR FUTURE SPACE ASTRONOMY AND SOLAR-SYSTEM SCIENCE MISSIONS | Laboratory for Electro-Optics                 | India              | 29/09/2025 | 13:05-13:15 | 22     |
| GAURAV    | SHARMA           | 101356 | NUMERICAL TREATMENT OF AN INVERTED OPERATION CRYOGENIC RELIEF VALVE USING AMESIM AND EXPERIMENTAL VALIDATION IN HIGH ALTITUDE TEST        | D1. IAF SPACE SYSTEMS SYMPOSIUM  | Indian Space Research Organ                   | India              | 29/09/2025 | 13:05-13:15 | 44     |
| Natalia   | Agramont Morales | 95219  | Why La Paz, Bolivia Should Be the Next Astronaut Pre-Flight Training Site   | A1. IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM  | Universidad Catolica Boliviana                | Bolivia            | 29/09/2025 | 13:35-13:45 | 2      |
| Timon     | Petermann        | 99481  | QUBE-I Mission Update: First Year of Operation of a 3U CubeSat for Quantum-Key-Distribution Experiments                                   | B2. IAF SPACE COMMUNICATIONS AND NAVIGATION SYMPOSIUM  | Zentrum für Telematik                         | Germany            | 29/09/2025 | 13:25-13:35 | 26     |
| Michele   | Rosari           | 103644 | Neuromarketing in space deep tech: leveraging emotional and cognitive responses to accelerate tech adoption                               | E6. IAF BUSINESSES AND INNOVATION SYMPOSIUM  | [unlisted]                                    | Italy              | 29/09/2025 | 13:25-13:35 | 54     |
| Sinyoung  | Park             | 96117  | Low-order modeling and analysis of propulsion control strategies for autogenous pressurization in methane-oxygen rocket engines           | C4. IAF SPACE PROPULSION SYMPOSIUM   | Hambat National University                    | Korea, Republic of | 29/09/2025 | 13:25-13:35 | 41     |
| AKARI     | FUJII            | 103603 | Medical research on stress coping skills and group adaptation for the Japanese Antarctic Research Expedition (JARE) - First report -      | A1. IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM  | University of Tsukuba                         | Japan              | 29/09/2025 | 13:35-13:45 | 5      |
| Shreya    | Ballolli         | 103797 | Beyond Bureaucracy: Hybrid AI-Driven Certifications for Rapid Space Transportation  | D2. IAF SPACE TRANSPORTATION SOLUTIONS AND INNOVATIONS SYMPOSIUM                               | Vellore Institute of Technology               | India              | 29/09/2025 | 13:15-13:25 | 45     |
| Jacinda   | Cottee           | 103516 | Neuroshield: An Operational Protocol for Astronaut Cognitive Preservation   | A1. IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM  | [unlisted]                                    | Australia          | 29/09/2025 | 12:45-12:55 | 1      |
| Annika    | Schmidt          | 98355  | Promises and challenges of robotic quadrupeds for space exploration   | A3. IAF SPACE EXPLORATION SYMPOSIUM  | German Aerospace Center (DLR)                 | Germany            | 29/09/2025 | 13:25-13:35 | 7      |
| Jong-Bum  | Kim              | 103488 | Comparison of Public-Private Partnership in Space Development among Countries such as the US, Europe, and Korea                           | E6. IAF BUSINESSES AND INNOVATION SYMPOSIUM  | Korea Aerospace Research Inst                 | Korea, Republic of | 29/09/2025 | 12:45-12:55 | 54     |
| Marta     | Cid Lopez        | 102270 | Integrating assistive robotic technology for the next generation of EVA Spacesuits.   | A1. IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM  | International Space University                | France             | 29/09/2025 | 12:45-12:55 | 5      |
| Katie     | Doyle            | 101240 | Technical maturation of Australian lunar exploration robotic capabilities   | A3. IAF SPACE EXPLORATION SYMPOSIUM  | Lunar Outpost                                 | Australia          | 29/09/2025 | 13:35-13:45 | 7      |
| Yaming    | Zhao             | 103737 | Study on the combustion characteristics of LOX/kerosene pintle injector based on the state of liquid oxygen                               | C4. IAF SPACE PROPULSION SYMPOSIUM   | School of Astronautics, Beihang University    | China              | 29/09/2025 | 12:55-13:05 | 42     |
| Pietro    | De Marchi        | 99780  | SPECS: A Fragmentation Estimation Framework for Solar Power Satellites and Integration into the NESSY Evolutionary Model                  | A6. 23rd IAA SYMPOSIUM ON SPACE DEBRIS   | University of Strathclyde                     | United Kingdom     | 29/09/2025 | 13:05-13:15 | 19     |
| Camisha   | Simmons          | 103456 | U.N.'s Draft Principles for Space Resource Activities Are Incongruent with U.S. Law   | E7. IISL COLLOQUIUM ON THE LAW OF OUTER SPACE  | Simmons Legal PLLC                            | United States      | 29/09/2025 | 12:45-12:55 | 57     |
| Francesca | Ottoboni         | 100604 | Long-term fragmentation reconstruction techniques leveraging the dynamics of debris cloud expansion                                       | A6. 23rd IAA SYMPOSIUM ON SPACE DEBRIS   | Politecnico di Milano                         | Italy              | 29/09/2025 | 13:35-13:45 | 18     |
| Erin      | Rose             | 97549  | Lunar Exploration as an Interactive Narrative: Engaging Young Adults Through Gamified Role-Playing  | E1. IAF SPACE EDUCATION AND OUTREACH SYMPOSIUM   | Swinburne University of Techno                | Australia          | 29/09/2025 | 12:45-12:55 | 50     |
| Jennifer  | Blank            | 101885 | Human-Robot Partnerships Will Enable Future Exploration of the Lunar Surface and Subsurface   | A3. IAF SPACE EXPLORATION SYMPOSIUM  | National Aeronautics and Space Administration | United States      | 29/09/2025 | 13:25-13:35 | 8      |
| Rayhan Md | Faysal           | 99156  | Geopolymer-based lunar construction materials utilising in-situ lunar resources   | D3. 23rd IAA SYMPOSIUM ON BUILDING BLOCKS FOR FUTURE SPACE EXPLORATION AND DEVELOPMENT         | The University of Adelaide                    | Australia          | 29/09/2025 | 12:55-13:05 | 48     |
| Victor    | Baptista         | 103804 | Space Education for Social Impact: A Project-Based Learning Approach for Brazilian Public High Schools                                    | E1. IAF SPACE EDUCATION AND OUTREACH SYMPOSIUM   | Idela Space                                   | Brazil             | 29/09/2025 | 13:25-13:35 | 49     |
| Julia     | Alvarez Vallero  | 101393 | MELIORA: the seed to interconnect South America space community   | E1. IAF SPACE EDUCATION AND OUTREACH SYMPOSIUM   | University of Texas at Arlington              | United States      | 29/09/2025 | 12:55-13:05 | 49     |
| Elena     | Rocchi           | 103619 | Designing Orbital Emergency Medical Facilities Using Immersive Technologies and Digital Twins   | A1. IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM  | Arizona State University                      | United States      | 29/09/2025 | 13:05-13:15 | 1      |
| Andrew    | Macpherson       | 100269 | SKAO Down Under: A Review of the Applicability and Suitability of Space Sustainability Principles to Terrestrial Astronomy in Australia   | E7. IISL COLLOQUIUM ON THE LAW OF OUTER SPACE  | Square Kilometre Array Observ                 | Australia          | 29/09/2025 | 12:55-13:05 | 57     |
| Karoly    | Schlosser        | 103877 | Mindfulness training to improve the behavioural health and performance of astronauts  | A1. IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM  | Humansys Ltd                                  | Hungary            | 29/09/2025 | 12:45-12:55 | 4      |
| Panin     | Ananwatanyoo     | 96638  | design and analysis of a 3u cubesat-based rover for moon surface exploration  | A3. IAF SPACE EXPLORATION SYMPOSIUM  | Delft University of Technology                | The Netherlands    | 30/09/2025 | 13:35-13:45 | 9      |
| Tadashi   | Matsuura         | 96173  | Analytical approach of the Behavior of Lunar Regolith Simulant in a Vacuum Environment  | A3. IAF SPACE EXPLORATION SYMPOSIUM  | TOYOTA MOTOR CORPORATION                      | Japan              | 30/09/2025 | 13:25-13:35 | 8      |



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|----------------|---------------|--------|---|--|--------------------------------|----------------------|------------|-------------|--------|
| Yitong         | Wu            | 96426  | An adaptive multi-robot exploration framework for lunar lava tubes: reinforcement learning-driven self-organized task allocation and local heuristic path planning          | A3. IAF SPACE EXPLORATION SYMPOSIUM    | Northwestern Polytechnical U   | China                | 30/09/2025 | 13:05-13:15 | 15     |
| Karlis         | Stumba        | 96792  | Dynamic cone penetration as a seismic source in lunar highlands regolith simulant.  | A3. IAF SPACE EXPLORATION SYMPOSIUM    | University of Adelaide         | Australia            | 30/09/2025 | 13:15-13:25 | 13     |
| William        | Hickmott      | 98264  | RF Tomographic Imaging for Subsurface Mapping of Small Bodies Using a Mobile Sensor Network   | A3. IAF SPACE EXPLORATION SYMPOSIUM    | University of Liverpool        | United Kingdom       | 30/09/2025 | 13:35-13:45 | 12     |
| Shinichiro     | Minegishi     | 99268  | Power supply systems for crewed pressurized rovers on the lunar surface that ensure safety and continuity.  | A3. IAF SPACE EXPLORATION SYMPOSIUM    | TOYOTA MOTOR CORPORATIO        | Japan                | 30/09/2025 | 12:55-13:05 | 11     |
| Wenbin         | Han           | 95900  | A review of sintering techniques for lunar regolith simulant  | A3. IAF SPACE EXPLORATION SYMPOSIUM    | Huazhong University of Scienc  | China                | 30/09/2025 | 13:25-13:35 | 12     |
| Xiangyi        | Lan           | 96990  | a reusable lunar landing—launching infrastructure for sustainable moon exploration  | A3. IAF SPACE EXPLORATION SYMPOSIUM    | Tsinghua University, Beijing   | China                | 30/09/2025 | 13:35-13:45 | 11     |
| Ranya          | Simons        | 95859  | Development of Coatings for Passive Mitigation of Lunar Dust at CSIRO   | A3. IAF SPACE EXPLORATION SYMPOSIUM    | Commonwealth Scientific and    | Australia            | 30/09/2025 | 13:05-13:15 | 10     |
| Ankush         | Sookram       | 96091  | Evaluating the Roles of Surface Energy and Roughness in Lunar Dust Adhesion Using Aluminium as a Testbed  | A3. IAF SPACE EXPLORATION SYMPOSIUM    | Commonwealth Scientific and    | Australia            | 30/09/2025 | 13:05-13:15 | 9      |
| Hunter         | Moore         | 94718  | Novel Approaches to In-Situ Localization, Extraction, Processing, and Utilization of Martian Regolithic Iron  | A3. IAF SPACE EXPLORATION SYMPOSIUM    | International Space University | France               | 30/09/2025 | 12:55-13:05 | 15     |
| Amina          | Valiyeva      | 94081  | gateway to the solar system   | A3. IAF SPACE EXPLORATION SYMPOSIUM    | Azerbaijan State Oil and Indus | Azerbaijan           | 30/09/2025 | 13:05-13:15 | 13     |
| Andrew         | Dempster      | 94455  | The Nature of Lunar Competition and Security Implications for Ice Mining  | A3. IAF SPACE EXPLORATION SYMPOSIUM    | UNSW Australia                 | Australia            | 30/09/2025 | 12:55-13:05 | 9      |
| Suzuna         | Okamoto       | 97464  | Development of Water Extraction Systems from Lunar Regolith for In-situ Resource Utilization on the Moon  | A3. IAF SPACE EXPLORATION SYMPOSIUM    | Japan Aerospace Exploration    | Japan                | 30/09/2025 | 12:45-12:55 | 11     |
| Nijanthan      | Vasudevan     | 94669  | Modular Self-Reconfigurable Robotic Systems for Autonomous Mars Exploration   | A3. IAF SPACE EXPLORATION SYMPOSIUM    | Drexel University              | United States        | 30/09/2025 | 12:45-12:55 | 13     |
| Nijanthan      | Vasudevan     | 94666  | Adaptive Mechanical Architectures and AI-Enabled Control Strategies for a 4-Robot Swarm in Lunar Resource Utilization and Life Sciences                                     | A3. IAF SPACE EXPLORATION SYMPOSIUM    | Drexel University              | United States        | 30/09/2025 | 12:55-13:05 | 13     |
| Paolo          | Marzioli      | 101898 | Internet-of-Things international University partnership actions for current and future Space Traffic Management and Space Sustainability research: the SMILE-IoT initiative | A6. 23rd IAA SYMPOSIUM ON SPACE DEBRIS | Sapienza University of Rome    | Italy                | 30/09/2025 | 13:25-13:35 | 19     |
| Silu           | Xu            | 102379 | A Space-based Optical Rapid Celestial Positioning Method for Space Debris Orbit Determination   | A6. 23rd IAA SYMPOSIUM ON SPACE DEBRIS | Beihang University             | China                | 30/09/2025 | 13:25-13:35 | 16     |
| Pasquale       | Bencivenga    | 102995 | Neural Network analysis of multi-channel Light Curves for the characterization of Resident Space Objects  | A6. 23rd IAA SYMPOSIUM ON SPACE DEBRIS | University of Naples Federico  | Italy                | 30/09/2025 | 12:55-13:05 | 21     |
| Stephen        | Catsamas      | 99460  | Characterizing satellite operational modes via unresolved infrared imaging  | A6. 23rd IAA SYMPOSIUM ON SPACE DEBRIS | University of Melbourne        | Australia            | 30/09/2025 | 13:15-13:25 | 20     |
| Guo            | Chen          | 102072 | An AI-Based Framework for Space Debris Detection and Localization in Cislunar Space toward Enhanced Situational Awareness   | A6. 23rd IAA SYMPOSIUM ON SPACE DEBRIS | Beihang University             | China                | 30/09/2025 | 13:15-13:25 | 16     |
| Christina      | Dunker        | 98835  | Enhancing Reentry Risk Analysis for Space Objects: Methodologies and Improvements   | A6. 23rd IAA SYMPOSIUM ON SPACE DEBRIS | Nova Systems Pty Ltd           | New Zealand          | 30/09/2025 | 13:05-13:15 | 16     |
| Carys          | Thomas        | 102520 | Designing criteria for a net-positive space debris clean-up mission.  | A6. 23rd IAA SYMPOSIUM ON SPACE DEBRIS | The University of Manchester   | United Kingdom       | 30/09/2025 | 13:25-13:35 | 17     |
| Alev           | Sönmez        | 99617  | Space Situational Awareness and Space Debris Mitigation: Current Strategies and Future Advancements   | A6. 23rd IAA SYMPOSIUM ON SPACE DEBRIS | Fraunhofer FHR                 | Germany              | 30/09/2025 | 12:45-12:55 | 20     |
| Lorenzo        | Cimino        | 102681 | BILAR: A Comprehensive Approach to Space Debris Characterization and Mitigation through a Light Curve Database  | A6. 23rd IAA SYMPOSIUM ON SPACE DEBRIS | Sapienza University of Rome    | Italy                | 30/09/2025 | 13:15-13:25 | 19     |
| Rithesh        | Murarishetty  | 102643 | Smart Satellites AI-Driven Predictive Maintenance for Sustainable Space Operations  | A6. 23rd IAA SYMPOSIUM ON SPACE DEBRIS | Manipal Institute of Technolog | India                | 30/09/2025 | 12:55-13:05 | 19     |
| Atharva        | Awasthi       | 103307 | Using Deep Learning for Automated Satellite Maneuver Processing   | A6. 23rd IAA SYMPOSIUM ON SPACE DEBRIS | COMSPOC Corp.                  | United States        | 30/09/2025 | 12:45-12:55 | 19     |
| Bryan          | Lovrinovic    | 100278 | The Selection Process of Reference Missions for a Design for Demise Project   | A6. 23rd IAA SYMPOSIUM ON SPACE DEBRIS | DLR (German Aerospace Cent     | Germany              | 30/09/2025 | 12:45-12:55 | 21     |
| Katsuki        | Tashiro       | 100343 | Multi-Target Tracking Method Based on Improved SORT for Space-based Observation of Resident Space Objects Using Star Tracker  | A6. 23rd IAA SYMPOSIUM ON SPACE DEBRIS | Tokyo Institute of Technology  | Japan                | 30/09/2025 | 12:55-13:05 | 16     |
| Marcos Eduardo | Rojas Ramirez | 99812  | INSIDeR: A Scalable Solution for Active Debris Removal  | A6. 23rd IAA SYMPOSIUM ON SPACE DEBRIS | Space Generation Advisory Co   | France               | 30/09/2025 | 13:05-13:15 | 20     |
| Marta          | Guimaraes     | 98573  | Explainable Machine Learning for Space Object Attitude Classification   | A6. 23rd IAA SYMPOSIUM ON SPACE DEBRIS | NeuraSpace, SA                 | Portugal             | 30/09/2025 | 13:35-13:45 | 19     |
| Fatima         | Alnaqbi       | 100685 | A Swarm-Driven Solution for Space Debris Removal: Inspection, Capturing, and Controlled De-orbiting   | A6. 23rd IAA SYMPOSIUM ON SPACE DEBRIS | Technology Innovation Institue | United Arab Emirates | 30/09/2025 | 13:05-13:15 | 17     |
| Oussema        | Jouini        | 96933  | Integration of Radar and Optical Systems on CubeSats for Enhanced Space Debris Detection in LEO   | A6. 23rd IAA SYMPOSIUM ON SPACE DEBRIS | LaSEINE, Kyushu Institute of T | Japan                | 30/09/2025 | 13:05-13:15 | 19     |

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|------------------|---------------|--------|--|--|--|--------------------|------------|-------------|--------|
| Fatima           | Alakbarli     | 98630  | A Novel Framework for Satellite Debris Mitigation: Integrating Blockchain Federated Learning with Hierarchical Deep Reinforcement Learning                       | A6. 23rd IAA SYMPOSIUM ON SPACE DEBRIS             | ADA University                                     | Azerbaijan         | 30/09/2025 | 13:25-13:35 | 18     |
| Marianne         | Hawthorne     | 99177  | The Global Distribution of Uncontrolled Re-entries: Re-thinking Mission-end Conduct and the Call for Global Collaboration  | A6. 23rd IAA SYMPOSIUM ON SPACE DEBRIS             | Australian Space Agency                            | Australia          | 30/09/2025 | 12:55-13:05 | 20     |
| Vincenzo         | Quitadamo     | 96399  | Advancing Space Sustainability: The University of Padova's Contributions to Safer Orbits and Innovative Technologies   | A6. 23rd IAA SYMPOSIUM ON SPACE DEBRIS             | University of Padua                                | Italy              | 30/09/2025 | 12:45-12:55 | 18     |
| Olivia           | Lorenzen      | 95959  | Breaking the Space Debris Deadlock: A Game-Theoretic and Policy Approach   | A6. 23rd IAA SYMPOSIUM ON SPACE DEBRIS             |  | Denmark            | 30/09/2025 | 13:05-13:15 | 18     |
| Jialong          | Song          | 97032  | Hierarchical Adaptive-Step Algorithm for Fast Visibility Window Calculation in Space Debris Surveillance   | A6. 23rd IAA SYMPOSIUM ON SPACE DEBRIS             | Tsinghua University                                | China              | 30/09/2025 | 13:35-13:45 | 15     |
| Paul             | Haufe         | 98237  | Minimum-Time Spacecraft Collision Avoidance Using Aerodynamic Lift and Drag via Reachable Sets   | A6. 23rd IAA SYMPOSIUM ON SPACE DEBRIS             | University of Stuttgart                            | Germany            | 30/09/2025 | 13:15-13:25 | 17     |
| Elton            | Guliyev       | 94925  | Artificial Intelligence in Space: Integration for Crew and Onboard Support   | B3. IAF HUMAN SPACEFLIGHT SYMPOSIUM                | Azercosmos, Space Agency of Azerbaijan             | Azerbaijan         | 30/09/2025 | 13:25-13:35 | 26     |
| Saish            | Sridharan     | 102232 | Plug-and-Fly SPIN-2 Mission  | B4. 32nd IAA SYMPOSIUM ON SMALL SATELLITE MISSIONS | Space Products and Innovations                     | Germany            | 30/09/2025 | 12:55-13:05 | 29     |
| Juan Salvador    | Palacios Bett | 99397  | Proposed CubeSat system for autonomous structural health monitoring: integration of edge computing and machine learning for anomaly detection and orbital safety | B4. 32nd IAA SYMPOSIUM ON SMALL SATELLITE MISSIONS | Universidad Nacional de Ingenieria                 | Peru               | 30/09/2025 | 13:35-13:45 | 28     |
| WANJIKU          | KANJUMBA      | 95288  | optimizing satellite constellations for maritime security in african region, further space applications across africa, and mitigating space debris in the sector | B4. 32nd IAA SYMPOSIUM ON SMALL SATELLITE MISSIONS | University of Florida                              | United States      | 30/09/2025 | 13:05-13:15 | 29     |
| Rehobot          | Bekele Buruso | 95462  | Assessment of the Realization of Value and Benefits of Implementing Agile MBSE for Enterprises in the NewSpace Industry  | B4. 32nd IAA SYMPOSIUM ON SMALL SATELLITE MISSIONS | Université de Strasbourg                           | France             | 30/09/2025 | 13:15-13:25 | 28     |
| Francesco        | Porcelli      | 100114 | Autonomous Space Operation Planner and Scheduler (ASOPS): Architecture and Onboard Implementation in the SeRANIS Mission   | B6. IAF SPACE OPERATIONS SYMPOSIUM                 | Universität der Bundeswehr München                 | Germany            | 30/09/2025 | 13:35-13:45 | 29     |
| Xinhao           | Miao          | 100550 | a reinforcement learning and reaction null-space based obstacle avoidance planning method for free-floating space manipulators                                   | B6. IAF SPACE OPERATIONS SYMPOSIUM                 | Harbin Institute of Technology                     | China              | 30/09/2025 | 12:45-12:55 | 30     |
| MOHAMED          | ALASEERI      | 100526 | Evaluating the Impact of Solar Storms on Satellite Power Systems Using Space Weather Data  | B6. IAF SPACE OPERATIONS SYMPOSIUM                 | National Space Science Agency                      | Bahrain            | 30/09/2025 | 13:15-13:25 | 29     |
| Yusuke           | Oki           | 102476 | Design of Safe Transfer Trajectory between Quasi-Satellite Orbits  | C1. IAF ASTRODYNAMICS SYMPOSIUM                    | Japan Aerospace Exploration Agency                 | Japan              | 30/09/2025 | 12:45-12:55 | 32     |
| Pengyu           | Guo           | 96785  | Linguistic Description Generation for Non-cooperative Spacecraft Time-Series Behaviors Using Transformer Models  | B6. IAF SPACE OPERATIONS SYMPOSIUM                 | Beihang University                                 | China              | 30/09/2025 | 13:05-13:15 | 30     |
| Zhi              | Xu            | 97571  | AN Advanced Instance Segmentation for Non-Cooperative Spacecraft Components in On-Orbit Servicing: Dataset Synthesis and Hybrid Transformer-CNN Network          | B6. IAF SPACE OPERATIONS SYMPOSIUM                 | National Key Laboratory of Aerospace               | China              | 30/09/2025 | 12:55-13:05 | 30     |
| Sho              | Fujita        | 97470  | Responsive RPO for Commercial Application  | B6. IAF SPACE OPERATIONS SYMPOSIUM                 | Astroscale Holdings                                | Japan              | 30/09/2025 | 13:25-13:35 | 30     |
| Gianni           | Pecora        | 100316 | Low-Thrust Trajectory Design with Power Constraints and Attitude Dynamics Integration  | C1. IAF ASTRODYNAMICS SYMPOSIUM                    | Universidad Carlos III de Madrid                   | Spain              | 30/09/2025 | 12:45-12:55 | 31     |
| Biyue            | Pan           | 100779 | Diffusion Enhanced Model Predictive Control for Autonomous Spacecraft Rendezvous and Docking with Obstacle Avoidance   | C1. IAF ASTRODYNAMICS SYMPOSIUM                    | Beihang University (BUAA)                          | China              | 30/09/2025 | 13:15-13:25 | 31     |
| Ki-Wook          | Jung          | 96146  | Feedback Landing Guidance for Reusable Launch Vehicle in Atmosphere based on Homing Guidance   | C1. IAF ASTRODYNAMICS SYMPOSIUM                    | Korea Advanced Institute of Science and Technology | Korea, Republic of | 30/09/2025 | 12:45-12:55 | 33     |
| Rosaura Patricia | Delgado Ortiz | 99018  | The self-gravitating ring in the N-body problem  | C1. IAF ASTRODYNAMICS SYMPOSIUM                    | Altum Principia                                    | Mexico             | 30/09/2025 | 13:15-13:25 | 32     |
| Hanzhou          | Wang          | 94366  | Dynamic Modeling and Dual-Cabin Coordinated Attitude Adjustment of High-Precision Disturbance-Free Payload Spacecraft  | C1. IAF ASTRODYNAMICS SYMPOSIUM                    | Beihang University (BUAA)                          | China              | 30/09/2025 | 12:55-13:05 | 31     |
| Maruthi          | Akella        | 100425 | Minimum Fuel Indirect Optimal Control Transfers Across Multiple Regimes in the Earth-Moon System   | C1. IAF ASTRODYNAMICS SYMPOSIUM                    | The University of Texas at Austin                  | United States      | 30/09/2025 | 13:05-13:15 | 31     |
| Yanjun           | YU            | 96145  | onboard low-thrust spacecraft collision avoidance strategy design and optimization   | C1. IAF ASTRODYNAMICS SYMPOSIUM                    | Harbin Institute of Technology                     | China              | 30/09/2025 | 13:35-13:45 | 32     |
| Enrico           | Zappino       | 102352 | Failure indexes in ultra-thin deployable structures using 1D structural theories and 3D Hashin criteria  | C2. IAF MATERIALS AND STRUCTURES SYMPOSIUM         | Politecnico di Torino                              | Italy              | 30/09/2025 | 12:55-13:05 | 35     |
| Wang             | zhengtao      | 97108  | Intelligent spacecraft avoidance maneuver strategies for an uncertain number of threat targets   | C1. IAF ASTRODYNAMICS SYMPOSIUM                    | Harbin Institute of Technology                     | China              | 30/09/2025 | 13:25-13:35 | 32     |
| Yajie            | Cheng         | 101499 | Self-assembly modular robot for in-space structure construction  | C2. IAF MATERIALS AND STRUCTURES SYMPOSIUM         | Beijing Institute of Technology                    | China              | 30/09/2025 | 13:15-13:25 | 36     |
| Marc             | Heemskerk     | 103167 | Results from Estonian Satellite's Solar Cell Degradation in LEO and Implications for ISRU Lunar Solar Cell Technologies  | C2. IAF MATERIALS AND STRUCTURES SYMPOSIUM         | Tallinn University of Technology                   | Estonia            | 30/09/2025 | 13:15-13:25 | 35     |
| Xiaoyuan         | Wang          | 100041 | A High - synchronization and Low - shock Multi - point Locking Satellite - Rocket Separation Device with Mechanical Linkage                                      | C2. IAF MATERIALS AND STRUCTURES SYMPOSIUM         | Beihang University (BUAA)                          | China              | 30/09/2025 | 13:05-13:15 | 34     |
| Shravani         | Tembare       | 99998  | Advancing Additive Manufacturing for In-Situ Resource Utilization in Human Space Exploration: Challenges and Opportunities                                       | C2. IAF MATERIALS AND STRUCTURES SYMPOSIUM         | BRAC's, Vishwakarma Institute of Technology        | India              | 30/09/2025 | 13:35-13:45 | 33     |

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| Lei              | Qu                | 99881  | A shape memory alloy rotary-actuated reusable separation mechanism with high load-bearing capacity and low shock                                 | C2. IAF MATERIALS AND STRUCTURES SYMPOSIUM   | Beihang University (BUAA)                                  | China              | 30/09/2025 | 12:55-13:05 | 34     |
| Oleksandr        | Minai             | 96910  | Designing Efficient Separation Systems for Multilayer Targets in Space Technology  | C2. IAF MATERIALS AND STRUCTURES SYMPOSIUM   | Yuzhnoye State Design Office                               | Ukraine            | 30/09/2025 | 13:25-13:35 | 33     |
| Jaeseung         | Heo               | 96185  | Design and Cooling Performance Evaluation of 3D Printed Structures for Transpiration Cooling in External Flow                                    | C2. IAF MATERIALS AND STRUCTURES SYMPOSIUM   | Korea Advanced Institute of Science and Technology         | Korea, Republic of | 30/09/2025 | 12:45-12:55 | 34     |
| ZUIE             | CHEN              | 96544  | Design and Dynamic Analysis of a Mechanically Deployable Aeroshell for Mars Entry  | C2. IAF MATERIALS AND STRUCTURES SYMPOSIUM   | Politecnico di Milano                                      | Italy              | 30/09/2025 | 12:45-12:55 | 36     |
| Ahmed E.S.       | NOSSEIR           | 100385 | SLA and FDM 3D Printing of Spaceborne Astroparticle Detectors: Scintillation Fibers Integration by Additive Manufacturing in Helium Calorimeters | C2. IAF MATERIALS AND STRUCTURES SYMPOSIUM   | University of Trento, Department of Physics                | Italy              | 30/09/2025 | 13:05-13:15 | 35     |
| Delburg          | Mitchao           | 95871  | Deployable Thermally Conductive Structure for a Large Active Phased Array Antenna in CubeSats  | C2. IAF MATERIALS AND STRUCTURES SYMPOSIUM   | Tokyo Institute of Technology                              | Japan              | 30/09/2025 | 13:35-13:45 | 34     |
| Charleston Dale  | Ambatali          | 100577 | Fast-Converging and Efficient Dynamic Focusing Method for Space-Based Solar Power Using the Resonant Beam Architecture                           | C3. IAF SPACE POWER SYMPOSIUM  | University of the Philippines Diliman                      | The Philippines    | 30/09/2025 | 13:35-13:45 | 37     |
| Azar             | Valiyev           | 98519  | enhancing solar panel efficiency on mars: ai-driven dust accumulation monitoring   | C3. IAF SPACE POWER SYMPOSIUM  | Azerbaijan State Oil and Industry University               | Azerbaijan         | 30/09/2025 | 13:05-13:15 | 37     |
| Joe              | Papworth          | 93997  | Mission concepts for PSRs in the south lunar pole  | D3. 23rd IAA SYMPOSIUM ON BUILDING BLOCKS FOR FUTURE SPACE EXPLORATION AND DEVELOPMENT |  | United Kingdom     | 30/09/2025 | 13:05-13:15 | 46     |
| Zofia            | Antkowiak         | 98826  | From Passion to Proficiency: How Our Team Transforms Undergrad Enthusiasts into Aerospace Engineers  | E1. IAF SPACE EDUCATION AND OUTREACH SYMPOSIUM   | Gdansk University of Technology                            | Poland             | 30/09/2025 | 12:45-12:55 | 50     |
| Miriam           | Opazo Mendez      | 100756 | Empowering the Future of Space: The Vital Role of Young Professionals in Innovation, Peacebuilding, and Sustainability                           | E1. IAF SPACE EDUCATION AND OUTREACH SYMPOSIUM   | ISAE - Institut Supérieur de l'Aéronautique et de l'Espace | France             | 30/09/2025 | 13:25-13:35 | 50     |
| Angela Maritza   | Naveda Cosquillo  | 96722  | Chasqui II in action:promoting space education in Peru through STEAM   | E1. IAF SPACE EDUCATION AND OUTREACH SYMPOSIUM   | Universidad Nacional de Ingeniería                         | Peru               | 30/09/2025 | 13:25-13:35 | 49     |
| Anna             | Voelker           | 97383  | SciAccess: Best Practices for Accessibility in Space Education and Outreach  | E1. IAF SPACE EDUCATION AND OUTREACH SYMPOSIUM   | [unlisted]   | United States      | 30/09/2025 | 12:45-12:55 | 52     |
| Francis          | Kudjoe            | 96987  | Incidence of low patronage of space science education in Ghana   | E1. IAF SPACE EDUCATION AND OUTREACH SYMPOSIUM   | International Astronautical Federation                     | Ghana              | 30/09/2025 | 13:15-13:25 | 51     |
| Beatriz          | Coningham         | 94647  | Launching the Space Workforce: A Framework for the Urgent Need of the US Commercial Space Sector   | E1. IAF SPACE EDUCATION AND OUTREACH SYMPOSIUM   | George Washington University                               | United States      | 30/09/2025 | 13:05-13:15 | 51     |
| Josef            | Richmond          | 98947  | A Solar Vacuum Ultraviolet Source for Space Environment Simulations  | D5. 58th IAA SYMPOSIUM ON SAFETY, QUALITY AND KNOWLEDGE MANAGEMENT IN SPACE ACTIVITIES | Australian National University                             | Australia          | 30/09/2025 | 13:35-13:45 | 47     |
| Amaia            | Santiago Pé       | 99607  | ESD control plan and its implementation for the detector plane assembly in the frame of the Soft X-ray Imager instrument in the SMILE mission    | D5. 58th IAA SYMPOSIUM ON SAFETY, QUALITY AND KNOWLEDGE MANAGEMENT IN SPACE ACTIVITIES | National Institute for Aerospace Technology                | Spain              | 30/09/2025 | 12:55-13:05 | 48     |
| Harsha           | M                 | 99727  | Enhancing Space Situational Awareness Tool's Human Machine Interface Functionality using the Large Language Model-powered Query System           | D5. 58th IAA SYMPOSIUM ON SAFETY, QUALITY AND KNOWLEDGE MANAGEMENT IN SPACE ACTIVITIES | IIIT Delhi   | India              | 30/09/2025 | 13:15-13:25 | 47     |
| Ilkin            | Abdullayev        | 98334  | implementing retrieval augmented generation for knowledge management in long-duration space missions   | D5. 58th IAA SYMPOSIUM ON SAFETY, QUALITY AND KNOWLEDGE MANAGEMENT IN SPACE ACTIVITIES | Azerbaijan State Oil and Industry University               | Azerbaijan         | 30/09/2025 | 12:55-13:05 | 47     |
| Irene            | Catalán Fernández | 98166  | Product Assurance activities for PLATO Focal Plane Assembly Hamilton Secondary College Space School  | D5. 58th IAA SYMPOSIUM ON SAFETY, QUALITY AND KNOWLEDGE MANAGEMENT IN SPACE ACTIVITIES | Instituto Nacional de Técnica Aeroespacial                 | Spain              | 30/09/2025 | 12:45-12:55 | 48     |
| Sarah            | Baker             | 102113 | - A Space Education Leader   | E1. IAF SPACE EDUCATION AND OUTREACH SYMPOSIUM   |  | Australia          | 30/09/2025 | 13:05-13:15 | 50     |
| Arda Kağan       | Menteş            | 102890 | global youth space challenge: uniting young minds for a singular space objective   | E1. IAF SPACE EDUCATION AND OUTREACH SYMPOSIUM   | Cukurova University  | Türkiye            | 30/09/2025 | 13:35-13:45 | 49     |
| Allison          | Nicholls          | 103313 | Operationalizing Trust – The Foundation of Agile, Multinational Space Ecosystems   | E11. IAF SYMPOSIUM ON EMERGING SPACE ECOSYSTEMS  | Milo Space Science Institute,                              | United States      | 30/09/2025 | 13:35-13:45 | 59     |
| Arpit            | Raswant           | 99632  | International Security Perspective on Space Commercialization Ecosystem  | E11. IAF SYMPOSIUM ON EMERGING SPACE ECOSYSTEMS  | The University of Newcastle Australia                      | Australia          | 30/09/2025 | 13:25-13:35 | 60     |
| Beverley Chelsea | Saungweme         | 95194  | Lessons from the African Union's Space Policy: Bridging the Gap Between Aspiration and Implementation  | E11. IAF SYMPOSIUM ON EMERGING SPACE ECOSYSTEMS  | Siberian Federal University                                | Russian Federation | 30/09/2025 | 12:55-13:05 | 60     |
| Vinicius         | Guedes Gonçalves  | 95774  | The State of the Latin American Space Sector: Gaps and Opportunities Between the Eagle and the Dragon  | E11. IAF SYMPOSIUM ON EMERGING SPACE ECOSYSTEMS  | European Space Policy Institute                            | Australia          | 30/09/2025 | 13:05-13:15 | 59     |
| Darcey           | Watson            | 100330 | Bringing space to your community: contextualising space technologies for the benefit of local communities  | E1. IAF SPACE EDUCATION AND OUTREACH SYMPOSIUM   | The Andy Thomas Space Foundation                           | Australia          | 30/09/2025 | 12:55-13:05 | 51     |
| Giuliana         | Rotola            | 102293 | Advancing dark and quiet skies protection: updates from the IAU CPS Policy Hub   | E3. 38th IAA SYMPOSIUM ON SPACE POLICY, REGULATIONS AND ECONOMICS                      | Scuola Superiore Sant'Anna                                 | Italy              | 30/09/2025 | 13:25-13:35 | 52     |
| Frank Raul       | Quintana Quispe   | 102050 | Projection of Space Industry Growth in Developing Countries: A System Dynamics Model Applied to the Case of Peru                                 | E3. 38th IAA SYMPOSIUM ON SPACE POLICY, REGULATIONS AND ECONOMICS                      | [unlisted]   | Peru               | 30/09/2025 | 12:55-13:05 | 52     |
| Katarzyna        | Malinowska        | 102908 | Global National Space Sector Governance Models – Strategic and Legal Approach to the Role of Space Agencies                                      | E3. 38th IAA SYMPOSIUM ON SPACE POLICY, REGULATIONS AND ECONOMICS                      | European Space Foundation                                  | Poland             | 30/09/2025 | 13:15-13:25 | 52     |
| Jacqui           | Tyack             | 99125  | Breaking barriers: Advancing Diversity, Equity, and Inclusion in the Australian space workforce  | E1. IAF SPACE EDUCATION AND OUTREACH SYMPOSIUM   | The Australian Space Diversity and Inclusion Network       | Australia          | 30/09/2025 | 13:35-13:45 | 51     |

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| frazier        | thorpe           | 99207  | The Plants for Space (P4S) Centre of Excellence: Growing a Future in Space and on Earth   | E1. IAF SPACE EDUCATION AND OUTREACH SYMPOSIUM   | La Trobe University                              | Australia            | 30/09/2025 | 13:25-13:35 | 51     |
| GiWon          | Nam              | 94407  | Enhancing South Korea's Space Asset Insurance Framework: Current Challenges and Future Directions   | E3. 38th IAA SYMPOSIUM ON SPACE POLICY, REGULATIONS AND ECONOMICS                      | Korea Aerospace Research Institute               | Korea, Republic of   | 30/09/2025 | 12:45-12:55 | 53     |
| Michael        | Johnson          | 97150  | Affordable Robotics for Space-themed STEM outreach in Irish Primary Schools   | E1. IAF SPACE EDUCATION AND OUTREACH SYMPOSIUM   | University of Limerick (UL)                      | Ireland              | 30/09/2025 | 12:55-13:05 | 49     |
| Ari            | Eisenstat        | 98950  | Innovative Approaches to Space Habitat Design: Insights from University of Hawai'i Space Programs   | E5. 36th IAA SYMPOSIUM ON SPACE AND SOCIETY  | University of Hawaii and Manoa                   | United States        | 30/09/2025 | 13:25-13:35 | 54     |
| Camilla        | ACQUARONE        | 100796 | Space Solar Power: A Sustainable Solution or an Environmental Dilemma?  | E5. 36th IAA SYMPOSIUM ON SPACE AND SOCIETY  | Space Generation Advisory Council                | France               | 30/09/2025 | 12:55-13:05 | 55     |
| Alana          | Liebelt          | 97877  | Launching the Future: How Young Professionals Are Shaping Australia's Space Industry  | E5. 36th IAA SYMPOSIUM ON SPACE AND SOCIETY  |  | Australia            | 30/09/2025 | 13:15-13:25 | 54     |
| Logan          | Philbrick        | 102023 | Investing in Chile's space future: a business innovation opportunity  | E6. IAF BUSINESSES AND INNOVATION SYMPOSIUM  |  | United States        | 30/09/2025 | 12:55-13:05 | 56     |
| Péter          | Kristóf          | 98767  | The (New Space) Economics behind CubeSats – Return on Investment Considerations of Government-Funded Space R&D Projects, with a focus on a business case from Hungary | E6. IAF BUSINESSES AND INNOVATION SYMPOSIUM  | [unlisted]                                       | Hungary              | 30/09/2025 | 13:15-13:25 | 56     |
| Lucillien      | Denoyelle        | 99795  | Lex Privata for Space Resources: Harmonizing Appropriation and Property Rights in Outer Space   | E7. ISL COLLOQUIUM ON THE LAW OF OUTER SPACE   | Université Paris 1 Panthéon-Sorbonne             | France               | 30/09/2025 | 13:25-13:35 | 57     |
| Robert         | Hollow           | 98813  | Space Careers Wayfinder - A National Online Space Careers Program for High Schools  | E1. IAF SPACE EDUCATION AND OUTREACH SYMPOSIUM   | CSIRO  | Australia            | 30/09/2025 | 13:15-13:25 | 49     |
| Rogelio        | Morales          | 103566 | A Space Dynamics Navigation Routes (SDNR) for Robotic Solar System Exploration  | A3. IAF SPACE EXPLORATION SYMPOSIUM  | Bolivarian Agency for Space Activities           | Venezuela            | 30/09/2025 | 13:15-13:25 | 9      |
| PRIYANKA       | DAS              | 103599 | Programmable Radio Frequency Synthesizer for AOTF of SHAPE payload of Chandrayaan-3   | B2. IAF SPACE COMMUNICATIONS AND NAVIGATION SYMPOSIUM                                  | Indian Space Research Organisation               | India                | 30/09/2025 | 12:45-12:55 | 25     |
| Kenneth        | Savin            | 101517 | The Generation of Gold Nanospheres in the Microgravity Environment of Low Earth Orbit.  | A2. IAF MICROGRAVITY SCIENCES AND PROCESSES SYMPOSIUM                                  | RedWire Space                                    | United States        | 30/09/2025 | 13:25-13:35 | 6      |
| Monica         | Salunkhe         | 103704 | Low-Thrust Trajectory Design and Planetary Capture in Modern Astrodynamics  | C1. IAF ASTRODYNAMICS SYMPOSIUM  | University of Alabama in Huntsville              | United States        | 30/09/2025 | 12:55-13:05 | 32     |
| Teresa         | Klinner-Teo      | 96320  | Analysis of a systematic time delay between fragmentation events and debris cataloguing   | A6. 23rd IAA SYMPOSIUM ON SPACE DEBRIS   | TU Braunschweig, Institute of Space Systems      | Germany              | 30/09/2025 | 12:45-12:55 | 16     |
| Giovanni Maria | Capuano          | 96978  | Enhancing Satellite Imagery through Advanced Focal Plane In-flight Active Motion Control: The FOPAC System Implementation and Results                                 | B1. IAF EARTH OBSERVATION SYMPOSIUM  | Università degli Studi di Napoli                 | Italy                | 30/09/2025 | 13:35-13:45 | 21     |
| Nicola         | Cimmino          | 100144 | Machine Learning Approaches for Sub-Catalogue Space Debris Clusters Identification in High-altitude Orbital Regions   | A6. 23rd IAA SYMPOSIUM ON SPACE DEBRIS   | Astronomical Institute of the University of Bern | Switzerland          | 30/09/2025 | 13:25-13:35 | 20     |
| Avid           | Roman-Gonzalez   | 94713  | Monitoring Vital Signs in Pre-, In-Flight, and Post-Parabolic Flight Phases: Implications for Space Applications  | A2. IAF MICROGRAVITY SCIENCES AND PROCESSES SYMPOSIUM                                  | Asociación Civil Universidad del Pacífico        | Peru                 | 30/09/2025 | 13:25-13:35 | 7      |
| Kevin          | Simmons          | 103670 | Orbital Validation of Plastic-Degrading Bacteria for Sustainable Long-Duration Space Missions   | A2. IAF MICROGRAVITY SCIENCES AND PROCESSES SYMPOSIUM                                  | BLUECUBE Aerospace                               | United States        | 30/09/2025 | 13:35-13:45 | 6      |
| Daan           | Van Den Nieuwenh | 94055  | Space to breathe: investigating how to perform a cricthyrotomy in an underwater water simulation study for long-term space travel                                     | A1. IAF/AA SPACE LIFE SCIENCES SYMPOSIUM   | Radboud University Nijmegen                      | The Netherlands      | 30/09/2025 | 12:55-13:05 | 2      |
| Rebecca        | Connolly         | 97474  | Shifting Space Security Narratives and Jus ad Bellum in Outer Space   | E7. ISL COLLOQUIUM ON THE LAW OF OUTER SPACE   | The University of Sydney                         | Australia            | 30/09/2025 | 12:45-12:55 | 58     |
| Geraldine      | Baca Triveno     | 103555 | Unlocking Opportunities in the AquaWatch-AUK Program  | E6. IAF BUSINESSES AND INNOVATION SYMPOSIUM  | Deloitte   | Australia            | 30/09/2025 | 12:45-12:55 | 56     |
| Muhammad       | Najeeb Ahmad     | 96020  | advancing accuracy, resilience, and scalability with next-generation space-based pnt sensors and systems  | B2. IAF SPACE COMMUNICATIONS AND NAVIGATION SYMPOSIUM                                  | NUST   | Pakistan             | 30/09/2025 | 13:25-13:35 | 23     |
| Vishwas        | Jajpura          | 99237  | Aerodynamic Optimization and Hybrid Neuro-Fuzzy Logic Controller for Orbital Station-Keeping of CubeSats in VLEO  | B4. 32nd IAA SYMPOSIUM ON SMALL SATELLITE MISSIONS                                     | Indian Institute of Technology                   | India                | 30/09/2025 | 13:25-13:35 | 28     |
| Charlotte      | Bennett          | 102537 | 6-DOF Fuel-Optimal NRHO Rendezvous Trajectories with Time-Varying Illumination Constraints  | C1. IAF ASTRODYNAMICS SYMPOSIUM  | Purdue University                                | United States        | 30/09/2025 | 13:35-13:45 | 31     |
| Ivan           | Lee              | 103726 | Real Options Valuation for Space Startups: A Framework Aligning Financial Value with Systems Engineering Milestones   | E6. IAF BUSINESSES AND INNOVATION SYMPOSIUM  | Perpetual Space Ventures                         | Hong Kong SAR, China | 30/09/2025 | 13:15-13:25 | 57     |
| WANJIKU        | KANJUMBA         | 95296  | next frontier of economic systems for the new space age: models for a multi-planetary society   | E6. IAF BUSINESSES AND INNOVATION SYMPOSIUM  | University of Florida                            | United States        | 30/09/2025 | 12:45-12:55 | 57     |
| Iva            | Ramuš Cvetković  | 98204  | (Re)claiming Damage: Can Fear and Anxiety Related to Space Technology Be Recovered under the 1972 Liability Convention?   | E7. ISL COLLOQUIUM ON THE LAW OF OUTER SPACE   | University of Ljubljana                          | Slovenia             | 30/09/2025 | 13:05-13:15 | 58     |
| John           | Boh              | 98560  | Bayesian Game-Theoretic Approaches to Cislunar Space Domain Awareness   | D1. IAF SPACE SYSTEMS SYMPOSIUM  | University of Texas at Austin                    | United States        | 30/09/2025 | 12:45-12:55 | 43     |
| Luca           | Armani           | 95698  | Deos a compact, scalable and modular deorbit system for cubesats  | A6. 23rd IAA SYMPOSIUM ON SPACE DEBRIS   | GAUSS S.r.l.                                     | Italy                | 30/09/2025 | 12:45-12:55 | 17     |
| Wendy Lucia    | Sanchez Delgado  | 103223 | Establishment of an Ethical Framework for Brain Studies Under Spatial Conditions  | D5. 58th IAA SYMPOSIUM ON SAFETY, QUALITY AND KNOWLEDGE MANAGEMENT IN SPACE ACTIVITIES | University of Leeds                              | United Kingdom       | 30/09/2025 | 13:15-13:25 | 48     |

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|----------------|-------------------|--------|---|--|---|--------------------|------------|-------------|--------|
| Takahiro       | Sasaki            | 98997  | Practical Guidance Laws for Non-Cooperative Rendezvous: Overcoming Atmospheric Density Prediction Challenges  | A6. 23rd IAA SYMPOSIUM ON SPACE DEBRIS   | Japan Aerospace Exploration Agency                        | Japan              | 30/09/2025 | 12:55-13:05 | 18     |
| YI             | Xiao Su           | 95616  | the applications and development trend of interferometric fiber optic gyroscope in space  | B2. IAF SPACE COMMUNICATIONS AND NAVIGATION SYMPOSIUM                                  | Beihang University (BUAA)                                 | China              | 30/09/2025 | 13:35-13:45 | 23     |
| ANA            | PIRES             | 103452 | SENTINEL Smart Orb-System: A Scout Robot for Space Operations and Monitoring  | A3. IAF SPACE EXPLORATION SYMPOSIUM  | INESC-TEC   | Portugal           | 30/09/2025 | 13:25-13:35 | 11     |
| Luis Angel     | Hernandez Laya    | 103869 | A Prototype of a Robotic Swarm for Autonomous Orbital Infrastructure Inspection   | C2. IAF MATERIALS AND STRUCTURES SYMPOSIUM   | Central University of Venezuela                           | Venezuela          | 30/09/2025 | 13:05-13:15 | 33     |
| Süleyman       | Kural             | 100675 | Pressurization Analysis of Cryogenic Propellant Tanks: Investigating Collapse Factor and L/D Ratio Influence  | C4. IAF SPACE PROPULSION SYMPOSIUM   | ROKETSAN Roket Sanayi ve Ticaret A.Ş.                     | Türkiye            | 30/09/2025 | 13:05-13:15 | 41     |
| Agata          | fichbio@gmail.com | 99364  | Lessons learned from the simulation of lunar analog Colony 1  | A3. IAF SPACE EXPLORATION SYMPOSIUM  | Analog Astronaut Training Center                          | Poland             | 30/09/2025 | 13:05-13:15 | 14     |
| Victor Raul    | Huaman Simeon     | 103697 | Forecasting Water Supply Shortages in Space Missions Using Scenario-Based Simulation within ERP Systems   | D3. 23rd IAA SYMPOSIUM ON BUILDING BLOCKS FOR FUTURE SPACE EXPLORATION AND DEVELOPMENT | [unlisted]  | Peru               | 30/09/2025 | 12:45-12:55 | 46     |
| Eugene         | Choi              | 95012  | advancing laser beam welding for in-space servicing, assembly, and manufacturing  | A2. IAF MICROGRAVITY SCIENCES AND PROCESSES SYMPOSIUM                                  | The Ohio State University College of Engineering          | United States      | 30/09/2025 | 13:15-13:25 | 8      |
| Wenze          | Ma                | 103629 | Satellite Manoeuvre Detection and Analyses based on Ephemerides   | B6. IAF SPACE OPERATIONS SYMPOSIUM   | UNSW Australia  | Australia          | 30/09/2025 | 13:25-13:35 | 29     |
| Miklos         | Kozlovsky         | 98812  | Biosignal acquisition in harsh environment  | A1. IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM  | Óbuda University, John von Neumann Faculty of Informatics | Hungary            | 30/09/2025 | 13:05-13:15 | 6      |
| Mathilda       | Bolis             | 101623 | Mission design techniques for satellites operating in Low-Lunar Orbits  | C1. IAF ASTRODYNAMICS SYMPOSIUM  | Politecnico di Milano                                     | Italy              | 30/09/2025 | 13:05-13:15 | 32     |
| Marta          | Ciazela           | 103482 | Transient Liquid Water at Low Latitudes on Mars: Evidence from Thermal Inertia and Atmospheric Chlorine Tracers   | A3. IAF SPACE EXPLORATION SYMPOSIUM  | Polish Academy of Sciences                                | Poland             | 30/09/2025 | 13:25-13:35 | 10     |
| Valentina      | Zancan            | 101624 | Cost-Effectiveness and Competition: Implementing Parallel Development in Space Agencies Projects  | E6. IAF BUSINESSES AND INNOVATION SYMPOSIUM  | Politecnico di Milano                                     | Italy              | 30/09/2025 | 12:55-13:05 | 57     |
| Joshua         | Naudet            | 95126  | Multiphase Mapping and Heat Efficiency of Hydrogen Bubbles in Liquid Uranium for a Centrifugal Nuclear Thermal Rocket Engine  | C3. IAF SPACE POWER SYMPOSIUM  | The Ohio State University College of Engineering          | United States      | 30/09/2025 | 12:45-12:55 | 37     |
| Kei            | Fukuzawa          | 97607  | Validation of Computationally Efficient CFD Models for Flow Field Analysis in Hypersonic Engines  | C4. IAF SPACE PROPULSION SYMPOSIUM   | Kanazawa Institute of Technology                          | Japan              | 30/09/2025 | 13:25-13:35 | 41     |
| Onur           | Çelik             | 103136 | Orbit options for solar reflectors for future space-based energy services around the Moon   | C3. IAF SPACE POWER SYMPOSIUM  | Delft University of Technology                            | The Netherlands    | 30/09/2025 | 13:25-13:35 | 36     |
| Anna Marie     | Brennan           | 94765  | Social Justice, Sustainability and Outer Space: Safeguarding Access to the Night Sky for Indigenous Peoples   | E7. IISL COLLOQUIUM ON THE LAW OF OUTER SPACE  |   | New Zealand        | 30/09/2025 | 13:35-13:45 | 58     |
| Lisa           | Kucher            | 101251 | The regulatory struggles of space startups in navigating export controls  | E6. IAF BUSINESSES AND INNOVATION SYMPOSIUM  |   | France             | 30/09/2025 | 13:05-13:15 | 57     |
| Alessandro     | Bartoloni         | 101674 | AI for scientific discovery in space radiobiology: AI-driven ontology-based methodologies   | A1. IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM  | National Institute of Nuclear Physics                     | Italy              | 30/09/2025 | 13:15-13:25 | 6      |
| Ana Fernanda   | Bermúdez Monroy   | 102941 | Space-engineered biomaterials: Biopolymer and nanoparticle strategies for astronaut bone health   | A1. IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM  | Universidad Popular Autónoma del Estado de Puebla         | Mexico             | 30/09/2025 | 13:05-13:15 | 1      |
| Mario Emmanuel | Gudiño Ortiz      | 102900 | Bioinspired AI and evolutionary algorithms for sustainable space habitats: advancing autonomous exploration, life support, and resource management – a review             | A1. IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM  | Universidad Popular Autónoma del Estado de Puebla         | Mexico             | 30/09/2025 | 13:25-13:35 | 2      |
| Jahnavi        | Dangeti           | 103360 | Plasma-Biomimetic Life Support Systems for Extraterrestrial Habitats  | A1. IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM  | Lovely Professional University                            | India              | 30/09/2025 | 13:05-13:15 | 4      |
| Dolly C.       | Manic             | 99539  | Nutrient recovery of Philippine cyanobacterial strains: Potential applications for regenerative life support systems  | A1. IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM  | University of the Philippines Diliman                     | The Philippines    | 30/09/2025 | 13:35-13:45 | 4      |
| Vera           | Mayorova          | 99730  | PhytoCube program of biological research in space   | A1. IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM  | Bauman Moscow State Technical University                  | Russian Federation | 30/09/2025 | 13:05-13:15 | 2      |
| Leonardo       | Nicolas Hernandez | 98872  | Microfluidic technologies for the search for life on icy moons: Opportunities and challenges.   | A1. IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM  | Universidad Nacional Autónoma de México                   | Mexico             | 30/09/2025 | 13:15-13:25 | 2      |
| David          | Kim               | 99980  | Validating Hemodynamics behaviour of the Cerebral Venous System in simulated micro-gravity using Computational Fluid Dynamics   | A1. IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM  |   | Australia          | 30/09/2025 | 13:35-13:45 | 1      |
| Jacob          | Scoccimerra       | 98369  | Limitations of Aquaculture and Marine Biology Research in the Space Environment   | A1. IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM  | [unlisted]  | United States      | 30/09/2025 | 12:55-13:05 | 3      |
| Ruth           | Bunford           | 96754  | Posture-Adapted Garment Design for Improved Fit and Comfort in Microgravity Environments.   | A1. IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM  | RMIT University, Australia                                | Australia          | 30/09/2025 | 12:45-12:55 | 3      |
| Nazrin         | Jabbarti          | 100152 | nutritional challenges and innovations for long-duration space missions   | A1. IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM  | Azerbaijan Medical University                             | Azerbaijan         | 30/09/2025 | 13:05-13:15 | 5      |
| Zoe            | Hughes            | 100915 | reproduction & development in space: gathering new insights into human analog reproductive health, embryonic development, and cellular adaptation under space conditions. | A1. IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM  | International Space University                            | France             | 30/09/2025 | 13:15-13:25 | 3      |
| Claudia        | Gonzalez Viejo    | 96842  | Brews in Space: Modelling Beer Acceptability in Microgravity Environments Using Digital Technologies and AI   | A1. IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM  | University of Melbourne                                   | Australia          | 30/09/2025 | 12:45-12:55 | 5      |

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|-----------------|--------------------|--------|--|---|----------------------------------|----------------------|------------|-------------|--------|
| Murad           | Garamollayev       | 98506  | Development of a Device for Regulating Sleep and Circadian Rhythm in Microgravity  | A1. IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM             | Azerbaijan State Oil and Indus   | Azerbaijan           | 30/09/2025 | 12:55-13:05 | 4      |
| Seymur          | Shikhalizada       | 99305  | human adaptation and health in long-duration space missions  | A1. IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM             | Azerbaijan State Oil and Indus   | Azerbaijan           | 30/09/2025 | 12:55-13:05 | 5      |
| Javidan         | Ashurlu            | 98619  | Magneto-Bio: Intelligent Sleep & Performance Optimizer   | A1. IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM             | Azerbaijan State Oil and Indus   | Azerbaijan           | 30/09/2025 | 13:15-13:25 | 4      |
| Funmilola       | Oluwafemi          | 97357  | Microgravity Platforms as Biotechnology Scaffolds for Socio-Economic Benefits: The Health Implications   | A1. IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM             | National Space Research and      | Nigeria              | 30/09/2025 | 13:25-13:35 | 3      |
| Shabnam         | Ibrahimova         | 96533  | the space-immune system: how long-duration space travel alters human immunity  | A1. IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM             | Azerbaijan State Oil and Indus   | Azerbaijan           | 30/09/2025 | 12:55-13:05 | 1      |
| Amina           | Valiyeva           | 94746  | human physiology in space: challenges and countermeasures  | A1. IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM             | Azerbaijan State Oil and Indus   | Azerbaijan           | 30/09/2025 | 12:45-12:55 | 1      |
| Marc            | Jurblum            | 94880  | Spatial Therapeutics in Long Duration Spaceflight: Addressing Psychological Challenges through Mind mapping enhanced Meaning-Making and Virtual Environmental Augmentation | A1. IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM             | Melbourne University             | Australia            | 30/09/2025 | 13:15-13:25 | 1      |
| Mansi           | Bansod             | 98419  | In-Space Manufacturing and Production Applications: Revolutionizing the Space Economy  | A2. IAF MICROGRAVITY SCIENCES AND PROCESSES SYMPOSIUM |                                  | India                | 30/09/2025 | 12:55-13:05 | 7      |
| Sai Roshini     | Kandregula         | 96202  | Microgravity-Driven 3D Bioprinting for Enhanced Vascular Tissue Engineering in Space   | A2. IAF MICROGRAVITY SCIENCES AND PROCESSES SYMPOSIUM | Indian Institute of Technology   | India                | 30/09/2025 | 13:05-13:15 | 7      |
| Telsy Itzel     | Villafuerte-Torres | 97592  | Effects of microgravity on composite material with nopal fibers.   | A2. IAF MICROGRAVITY SCIENCES AND PROCESSES SYMPOSIUM | Instituto Politécnico Nacional   | Mexico               | 30/09/2025 | 13:05-13:15 | 8      |
| Marc            | Jurblum            | 94883  | Bionomic Fractals and Environmental Design: A low-cost passive countermeasure approach to enhancing human performance in habitats and clinical outcomes in healthcare.”    | A1. IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM             | Melbourne University             | Australia            | 30/09/2025 | 13:25-13:35 | 1      |
| WEI             | QIAO               | 98023  | GROUND-SPACE CONSISTENCY STUDY OF LARGE-APERTURE SPACEBORNE SAR ANTENNAS BASED ON DYNAMICS-DIMENSIONALITY JOINT ANALYSIS METHOD  | A2. IAF MICROGRAVITY SCIENCES AND PROCESSES SYMPOSIUM | National Key Laboratory of Aer   | China                | 30/09/2025 | 13:35-13:45 | 7      |
| Nathalie        | Vilchis Lagunes    | 94948  | Vine Robot Intubation Device: Design and Validation for Microgravity Medical Applications  | A2. IAF MICROGRAVITY SCIENCES AND PROCESSES SYMPOSIUM | [unlisted]                       | Mexico               | 30/09/2025 | 13:15-13:25 | 7      |
| Stefano         | Mungiguerra        | 101870 | Hypersonic Entry Flow Simulation for Mars Exploration  | A3. IAF SPACE EXPLORATION SYMPOSIUM                   | Università degli Studi di Napoli | Italy                | 30/09/2025 | 13:05-13:15 | 12     |
| Serika          | Yokoyama           | 102120 | Effective Verification Scheme for Planetary Rover Localization Method utilizing Lunar Simulant Environment   | A3. IAF SPACE EXPLORATION SYMPOSIUM                   | Meijo University                 | Japan                | 30/09/2025 | 13:35-13:45 | 14     |
| Krishna         | Kumar              | 103384 | Fault-Tolerant Control of a Lunar Lander Using a Hybrid Artificial Intelligence Method   | A3. IAF SPACE EXPLORATION SYMPOSIUM                   | Ryerson University               | Canada               | 30/09/2025 | 13:15-13:25 | 14     |
| Harish          | Vernekar           | 103377 | Reusable CubeSat Constellation for (99942) Apophis 2029 Observation and Beyond   | A3. IAF SPACE EXPLORATION SYMPOSIUM                   | University of Arizona            | United States        | 30/09/2025 | 12:55-13:05 | 12     |
| Hiroki          | Yasui              | 98960  | Development of Lubrication and Cooling Systems for Transaxles in Lunar Environments  | A3. IAF SPACE EXPLORATION SYMPOSIUM                   | TOYOTA MOTOR CORPORATION         | Japan                | 30/09/2025 | 12:45-12:55 | 9      |
| Hoda            | Elmegharbel        | 102784 | design and analysis for efficient moon-based communication satellite constellation   | A3. IAF SPACE EXPLORATION SYMPOSIUM                   | Egyptian Space Agency (EGSA)     | Egypt                | 30/09/2025 | 12:45-12:55 | 14     |
| Mineo           | TSUSHIMA           | 99392  | The new concept of regolith cleaning technology  | A3. IAF SPACE EXPLORATION SYMPOSIUM                   | Konica Minolta, Incorporation    | Japan                | 30/09/2025 | 13:35-13:45 | 8      |
| Shiyu           | An                 | 99382  | robust escape trajectory optimization for solar sail spacecrafts from nrho using polynomial chaos expansion: applications to lunar gateway missions                        | A3. IAF SPACE EXPLORATION SYMPOSIUM                   | Research Center of Satellite T   | China                | 30/09/2025 | 13:25-13:35 | 9      |
| Sotirios        | Zormpas            | 99454  | LUX-Thermal and Roover: A use-case of a power generation system for lunar night survival   | A3. IAF SPACE EXPLORATION SYMPOSIUM                   | Lunar Outpost EU                 | Luxembourg           | 30/09/2025 | 13:35-13:45 | 13     |
| Akshayanivasini | Ramasamy Sarava    | 100740 | Enhancing Autonomous Obstacle Avoidance in Mars-like Conditions Using Monte Carlo Localization with Doppler Sensor Integration   | A3. IAF SPACE EXPLORATION SYMPOSIUM                   | Politecnico di Milano            | Italy                | 30/09/2025 | 13:15-13:25 | 11     |
| JAKUB           | CIAZELA            | 100507 | MIRORES: A Compact Far-Infrared Spectrometer for Lunar Ore Identification and Future ISRU Missions   | A3. IAF SPACE EXPLORATION SYMPOSIUM                   | Polish Academy of Sciences       | Poland               | 30/09/2025 | 13:35-13:45 | 10     |
| Fu              | Zhu                | 98949  | Multi-step trajectory prediction method for Mars UAV based on Bidirectional Gated Recurrent Unit   | A3. IAF SPACE EXPLORATION SYMPOSIUM                   | National Key Laboratory of Aer   | China                | 30/09/2025 | 13:05-13:15 | 11     |
| Kento           | Mizunuma           | 100929 | STAR OCCULTATION TEMPLATE MATCHING FOR LUNAR ROVER LOCALIZATION  | A3. IAF SPACE EXPLORATION SYMPOSIUM                   | Department of Engineering, Th    | Japan                | 30/09/2025 | 12:45-12:55 | 15     |
| Farha Hassan    | Priti              | 101091 | design simulation and laboratory testing of 3d modular robotic arm for lunar Mission   | A3. IAF SPACE EXPLORATION SYMPOSIUM                   | BRAC University                  | Bangladesh           | 30/09/2025 | 12:45-12:55 | 12     |
| Emre            | Akian              | 101051 | Lunar Landing Simulation Platform for Lunar Lander Prototypes  | A3. IAF SPACE EXPLORATION SYMPOSIUM                   | TurkUzay                         | Türkiye              | 30/09/2025 | 13:15-13:25 | 10     |
| Shahad          | Badri              | 101361 | sun avoidance strategies for the emirates mission to the asteroid belt   | A3. IAF SPACE EXPLORATION SYMPOSIUM                   | UAE Space Agency                 | United Arab Emirates | 30/09/2025 | 12:55-13:05 | 14     |
| Haoran          | You                | 98142  | A dielectric constant detection method for iterative optimization combined with internal imaging quality of small celestial bodies   | A3. IAF SPACE EXPLORATION SYMPOSIUM                   | Harbin Institute of Technology   | China                | 30/09/2025 | 13:15-13:25 | 12     |
| Hongyi          | Xie                | 97125  | Multi-faceted Reflective Solar Sails for Non-Contact Deorbiting of Space Debris  | A6. 23rd IAA SYMPOSIUM ON SPACE DEBRIS                | Politecnico di Milano            | Italy                | 30/09/2025 | 13:25-13:35 | 15     |



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|--------------------|-----------------|--------|---|---|----------------------------------|--------------------|------------|-------------|--------|
| Matthew            | Purss           | 99001  | Earth Observation Data Processing Revolution: TerraNexus DGGS Platform for Digital Twins and Federated Systems  | B1. IAF EARTH OBSERVATION SYMPOSIUM                   | [unlisted]                       | Australia          | 30/09/2025 | 13:35-13:45 | 22     |
| José Pedro         | Ferreira        | 98670  | Small Satellite SAR for Remote Sensing from Very Low Earth Orbit  | B1. IAF EARTH OBSERVATION SYMPOSIUM                   | Viterbi School of Engineering    | United States      | 30/09/2025 | 12:45-12:55 | 23     |
| Yashar             | Hajiyev         | 99705  | Processing satellite images for remote sensing of Earth's surface located objects   | B1. IAF EARTH OBSERVATION SYMPOSIUM                   |                                  | Azerbaijan         | 30/09/2025 | 13:15-13:25 | 23     |
| María Celeste      | Alvarado Durán  | 100791 | Analysis of Land Use Evolution in Pérez Zeledón Using Sentinel-1 Imagery:Implications for Conservation and Sustainable Development in Costa Rica  | B1. IAF EARTH OBSERVATION SYMPOSIUM                   | Samara National Research Un      | Russian Federation | 30/09/2025 | 13:05-13:15 | 21     |
| Ilaria             | Cannizzaro      | 99781  | Enhancing PRISMA second generation mission with AI-driven onboard edge computing for real-time cloud detection  | B1. IAF EARTH OBSERVATION SYMPOSIUM                   | Sapienza University of Rome      | Italy              | 30/09/2025 | 13:15-13:25 | 22     |
| Ali                | Hasanli         | 98328  | enhancing earth observation systems: the role of advanced imaging technologies in addressing climate change   | B1. IAF EARTH OBSERVATION SYMPOSIUM                   | Azerbaijan State Oil and Indus   | Azerbaijan         | 30/09/2025 | 12:55-13:05 | 22     |
| Sam                | Hall            | 100185 | Semantic communication for Earth Observation satellites – overcoming the space-to-ground communication bottleneck   | B1. IAF EARTH OBSERVATION SYMPOSIUM                   | Swinburne University of Techn    | Australia          | 30/09/2025 | 13:05-13:15 | 23     |
| Micherene Clauzett | Lofamia         | 99081  | Hyperspectral Imaging Payload for Agriculture and Water Quality Assessments: Mission and Requirements   | B1. IAF EARTH OBSERVATION SYMPOSIUM                   | Philippine Space Agency (Phil    | The Philippines    | 30/09/2025 | 13:25-13:35 | 22     |
| Reem               | Alshammari      | 94834  | Multi-City Dust Storm Frequency Prediction Using Satellite Data and Environmental Features  | B1. IAF EARTH OBSERVATION SYMPOSIUM                   | King Abdulaziz City for Science  | Saudi Arabia       | 30/09/2025 | 13:05-13:15 | 22     |
| Pratheek Ranjan    | Mitra           | 97068  | Design of the Structure of an Earth Observation 3U CubeSat for Hyperspectral Imaging  | B1. IAF EARTH OBSERVATION SYMPOSIUM                   | Delth University of Technology   | The Netherlands    | 30/09/2025 | 12:45-12:55 | 22     |
| Kumbirai           | Matingo         | 94706  | Leveraging Remote Sensing for Disease Vector Mapping to Enhance Malaria Control Strategies in Zimbabwe  | B1. IAF EARTH OBSERVATION SYMPOSIUM                   | Space Generation Advisory Co     | Zimbabwe           | 30/09/2025 | 12:55-13:05 | 23     |
| Charlynnne         | Jepkosgei       | 94971  | Evaluating the factors influencing farmers' choices of maize-based cropping patterns and assessing the potential of DESIS Hyperspectral satellite data to discriminate the cropping patterns. | B1. IAF EARTH OBSERVATION SYMPOSIUM                   | Women In Space Kenya             | Kenya              | 30/09/2025 | 13:15-13:25 | 21     |
| Frank Raul         | Quintana Quispe | 103012 | Optimization of Information Processing in Satellite Communications: Comparative Analysis of Medium Access Protocols   | B2. IAF SPACE COMMUNICATIONS AND NAVIGATION SYMPOSIUM | [unlisted]                       | Peru               | 30/09/2025 | 12:45-12:55 | 24     |
| Surya Vaibhav      | DVR             | 102597 | configuration and placement study of a 3U student satellite, for optimizing mass and packing efficiency   | B2. IAF SPACE COMMUNICATIONS AND NAVIGATION SYMPOSIUM | Indian Institute of Managemen    | India              | 30/09/2025 | 13:35-13:45 | 24     |
| Philipp            | Kleinpaß        | 100732 | Satellite-based entanglement distribution for global quantum networks   | B2. IAF SPACE COMMUNICATIONS AND NAVIGATION SYMPOSIUM | Deutsches Zentrum für Luft- u    | Germany            | 30/09/2025 | 13:35-13:45 | 25     |
| Lucas              | Scherberger     | 103178 | Simulating Delivery Times of Quantum Key Distributions in Satellite Constellations  | B2. IAF SPACE COMMUNICATIONS AND NAVIGATION SYMPOSIUM | Fraunhofer - Institut für Kurzze | Germany            | 30/09/2025 | 12:55-13:05 | 24     |
| Jongseo            | Won             | 97481  | geolocation analysis of leo in-track formation flying satellites using dynamics-applied least square method   | B2. IAF SPACE COMMUNICATIONS AND NAVIGATION SYMPOSIUM | University of Science and Tech   | Korea, Republic of | 30/09/2025 | 12:55-13:05 | 26     |
| Juan Rodolfo       | Alvarez Huarhua | 99176  | Analysis for the Optimization of Signal Transmission and Processing on the International Space Station  | B2. IAF SPACE COMMUNICATIONS AND NAVIGATION SYMPOSIUM | [unlisted]                       | Peru               | 30/09/2025 | 12:45-12:55 | 26     |
| Anna               | Roma            | 100020 | the kalman filter as a modular tool: a versatile solution for autonomous systems and beyond   | B2. IAF SPACE COMMUNICATIONS AND NAVIGATION SYMPOSIUM | Politecnico di Torino            | Italy              | 30/09/2025 | 13:15-13:25 | 25     |
| Surya Vaibhav      | DVR             | 95459  | preliminary design and analysis of a 3U student satellite's attitude determination and control subsystem  | B2. IAF SPACE COMMUNICATIONS AND NAVIGATION SYMPOSIUM | Indian Institute of Managemen    | India              | 30/09/2025 | 13:05-13:15 | 25     |
| Monique            | Cockram         | 97420  | Daytime tip-tilt measurements using an event-based sensor.  | B2. IAF SPACE COMMUNICATIONS AND NAVIGATION SYMPOSIUM | Australian National University   | Australia          | 30/09/2025 | 12:55-13:05 | 25     |
| Jaspar             | Meister         | 96213  | simulation of satellite constellations for long-distance entanglement distribution  | B2. IAF SPACE COMMUNICATIONS AND NAVIGATION SYMPOSIUM | German Aerospace Center (D       | Germany            | 30/09/2025 | 13:05-13:15 | 24     |
| Pengyu             | Guo             | 96789  | Robust Relative Pose Estimation for Non-Cooperative Long-Distance Spacecraft Based on SAM2 Model  | B2. IAF SPACE COMMUNICATIONS AND NAVIGATION SYMPOSIUM | Beihang University               | China              | 30/09/2025 | 13:25-13:35 | 25     |
| Zekun              | Xu              | 95915  | Encoded Event-triggered Control with Adaptive Prescribed Performance for Spacecraft Systems   | B2. IAF SPACE COMMUNICATIONS AND NAVIGATION SYMPOSIUM | Beihang University               | China              | 30/09/2025 | 13:25-13:35 | 24     |
| Yoonjung           | Kim             | 97640  | Development of a UHF Ground Station for Telemetry and Command Operations with a Self-Developed CubeSat  | B2. IAF SPACE COMMUNICATIONS AND NAVIGATION SYMPOSIUM | Cosmoworks, Inc.                 | Korea, Republic of | 30/09/2025 | 13:15-13:25 | 24     |
| Xinyu              | Fu              | 96172  | Target-tracking-based Multi-UAV Visual SLAM in GNSS-denied Environments   | B3. IAF HUMAN SPACEFLIGHT SYMPOSIUM                   | National Key Laboratory of Aes   | China              | 30/09/2025 | 12:55-13:05 | 27     |
| Nicolas            | Bérend          | 97017  | The FAI Astronautic Records Commission (ICARE) – Accompanying a new era of spaceflight achievements   | B3. IAF HUMAN SPACEFLIGHT SYMPOSIUM                   | Fédération Aéronautique Inter    | Switzerland        | 30/09/2025 | 13:05-13:15 | 27     |
| Yuma               | Sato            | 102125 | In-situ Power System Modeling for Micro/Nano Satellite Autonomous Operation System  | B4. 32nd IAA SYMPOSIUM ON SMALL SATELLITE MISSIONS    | Meijo University                 | Japan              | 30/09/2025 | 12:45-12:55 | 29     |
| Sona               | Rustam          | 102841 | Smart Bed System for Astronauts in Space: Healthcare, Stability, and Resource Recycling   | B3. IAF HUMAN SPACEFLIGHT SYMPOSIUM                   | Azerbaijan State Pedagogical     | Azerbaijan         | 30/09/2025 | 13:25-13:35 | 27     |
| Nigar              | Rustam          | 103094 | Amateur space exploration : Space Knowledge Yelder (SKY)  | B4. 32nd IAA SYMPOSIUM ON SMALL SATELLITE MISSIONS    | Azerbaijan State Pedagogical     | Azerbaijan         | 30/09/2025 | 13:35-13:45 | 27     |
| Alissa             | Chavalithumrong | 100891 | Evolving Human-Robot Interaction in Space: Lessons from Astrobee and Future Applications  | B3. IAF HUMAN SPACEFLIGHT SYMPOSIUM                   | Massachusetts Institute of Te    | United States      | 30/09/2025 | 13:35-13:45 | 26     |

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|-------------|-----------------|--------|--|--|--------------------------------|----------------------|------------|-------------|--------|
| Greg        | Jolley          | 99580  | The configurable detector control solution for small satellite missions  | B4. 32nd IAA SYMPOSIUM ON SMALL SATELLITE MISSIONS                                     | Advanced Instrumentation an    | Australia            | 30/09/2025 | 12:55-13:05 | 28     |
| Léonie      | Gasteiner       | 95195  | Polymerization and Foam Expansion in Microgravity for In-Orbit Servicing Applications  | C2. IAF MATERIALS AND STRUCTURES SYMPOSIUM   | ISAE-Supaero University of To  | Switzerland          | 30/09/2025 | 13:35-13:45 | 35     |
| Zaman       | Kazimov         | 96820  | ai driven laser wireless power transmission revolutionizing energy sharing for space exploration                                     | C3. IAF SPACE POWER SYMPOSIUM  | Azerbaijan State Oil and Indus | Azerbaijan           | 30/09/2025 | 12:55-13:05 | 37     |
| Sahib       | iskandarli      | 97124  | Effective use of technology that works with Seebeck effect on the Moon and in space  | C3. IAF SPACE POWER SYMPOSIUM  | Azerbaijan Technical Universi  | Azerbaijan           | 30/09/2025 | 13:15-13:25 | 37     |
| Joel        | Eldo            | 99609  | Auxiliary Power Generation via Electrodynamic Tethers for Space Missions: A Case Study at Jupiter                                    | C3. IAF SPACE POWER SYMPOSIUM  | Technical University of Munich | Germany              | 30/09/2025 | 13:15-13:25 | 38     |
| Thitut      | Unthalye        | 101978 | A web-based semi-empirical numerical tool for accessible liquid swirl injector design  | C4. IAF SPACE PROPULSION SYMPOSIUM   | University of Bristol          | United Kingdom       | 30/09/2025 | 13:35-13:45 | 38     |
| Pedro       | Campos Domíngue | 101747 | Sail navigation as an alternative to conventional rockets in space exploration   | C4. IAF SPACE PROPULSION SYMPOSIUM   | University of Guadalajara      | Mexico               | 30/09/2025 | 12:55-13:05 | 42     |
| Sudarsana   | Nerella         | 103032 | Resonant Orbital Dynamics and Electrostatic Charge Management for Efficient Propulsion and Sustainable Spacecraft Operations         | C4. IAF SPACE PROPULSION SYMPOSIUM   | Virginia Tech                  | United States        | 30/09/2025 | 13:15-13:25 | 41     |
| Anar        | Hamdullayev     | 96577  | Solutions to issues in Wireless Power Transmission   | C3. IAF SPACE POWER SYMPOSIUM  | Baku Engineering University    | Azerbaijan           | 30/09/2025 | 13:35-13:45 | 36     |
| VANESSA     | MONTIEL VIRUEL  | 99884  | Prospective Analysis of Biofuel Production from Waste Cooking Oil for Aviation and Space Applications in Northern Mexico             | C4. IAF SPACE PROPULSION SYMPOSIUM   | Universidad Autónoma de Baj    | Mexico               | 30/09/2025 | 13:05-13:15 | 39     |
| Zahra       | Garibova        | 97164  | innovative piezoelectric energy generation for space missions  | C3. IAF SPACE POWER SYMPOSIUM  | National Aviation Academy - A  | Azerbaijan           | 30/09/2025 | 12:55-13:05 | 38     |
| Jeongmoo    | Huh             | 100400 | Small-Scale Resistojet Thruster Performance Utilising a Heat Exchanger and Green Propellants   | C4. IAF SPACE PROPULSION SYMPOSIUM   | United Arab Emirates Universi  | United Arab Emirates | 30/09/2025 | 12:55-13:05 | 40     |
| Jeongmoo    | Huh             | 101411 | Preliminary Experimental Investigation of a Small-Scale Rotating Detonation Engine with Non-Premixed Propellant                      | C4. IAF SPACE PROPULSION SYMPOSIUM   | United Arab Emirates Universi  | United Arab Emirates | 30/09/2025 | 13:15-13:25 | 40     |
| Taisei      | Takaoka         | 96343  | Composition Investigation and Basic Combustion Research of Sustainable Rocket Propellant (SRP) Derived from Plants                   | C4. IAF SPACE PROPULSION SYMPOSIUM   | Department of Engineering, Th  | Japan                | 30/09/2025 | 13:25-13:35 | 40     |
| Bhavyashree | Janardhana      | 95240  | First In - Flight Ignition of Linear Aerospike Engine: Concept to Flight Testing   | C4. IAF SPACE PROPULSION SYMPOSIUM   | POLARIS Raumflugzeuge Gmb      | Germany              | 30/09/2025 | 12:45-12:55 | 42     |
| Jeongmoo    | Huh             | 100130 | Analysis of Hydrogen Peroxide Thermal Decomposition in Small-Scale Monopropellant Thrusters  | C4. IAF SPACE PROPULSION SYMPOSIUM   | United Arab Emirates Universi  | United Arab Emirates | 30/09/2025 | 13:05-13:15 | 40     |
| Akshat      | Sharma          | 94458  | Design, Analysis, and Experimental Evaluation of a Cold Gas Thruster System for Martian Drone Propulsion                             | C4. IAF SPACE PROPULSION SYMPOSIUM   | [unlisted]                     | India                | 30/09/2025 | 13:15-13:25 | 39     |
| Tolou       | Pharokhipanah   | 101208 | Cryogenic Feed System Flow Optimization Through Pre-Chill: Analysis of Liquid Nitrogen and Liquid Oxygen Testing                     | C4. IAF SPACE PROPULSION SYMPOSIUM   | Viterbi School of Engineering, | United States        | 30/09/2025 | 13:35-13:45 | 39     |
| Keita       | Nishii          | 101352 | Rarefied Gas Simulation in Vacuum Chambers for Gas-Jet Propulsion: Toward Realizing a Numerical Vacuum Chamber                       | C4. IAF SPACE PROPULSION SYMPOSIUM   | Tokyo Metropolitan University  | Japan                | 30/09/2025 | 12:45-12:55 | 41     |
| Manfred     | Ehresmann       | 102407 | Enhancing Space Mechanisms with Ferrofluid-Based Magnetic Gears  | D1. IAF SPACE SYSTEMS SYMPOSIUM  | Institute of Space Systems, Un | Germany              | 30/09/2025 | 13:25-13:35 | 42     |
| Hanmo       | Shen            | 96416  | integrated torch ignition unit of reusable methane/lox rocket engine   | C4. IAF SPACE PROPULSION SYMPOSIUM   | LandSpace Technology Corps     | China                | 30/09/2025 | 13:25-13:35 | 39     |
| Julia       | Grill           | 98196  | Integrating Mission and System Analyses in the BANTER Project for Nuclear Bimodal Propulsion   | C4. IAF SPACE PROPULSION SYMPOSIUM   | Institute of Space Systems, Un | Germany              | 30/09/2025 | 12:45-12:55 | 39     |
| Mateusz     | Krajewski       | 98752  | Autosar as Universal Rocket Platform   | D1. IAF SPACE SYSTEMS SYMPOSIUM  | Gdansk University of Technolo  | Poland               | 30/09/2025 | 13:05-13:15 | 43     |
| Emira Nur   | Aslan           | 99897  | Advancing Low-Facet Satellite Technology: Infrared Imaging for Atomic Oxygen Particle Control in Crowded Low Earth Orbit             | D1. IAF SPACE SYSTEMS SYMPOSIUM  | INFINIA                        | Türkiye              | 30/09/2025 | 13:25-13:35 | 43     |
| Livia       | Ordonez Valles  | 99673  | COOPERANTS: Advancing early stage project phases by implementing collaborative processes and tools in concurrent engineering studies | D1. IAF SPACE SYSTEMS SYMPOSIUM  | German Aerospace Center (D     | Germany              | 30/09/2025 | 13:35-13:45 | 42     |
| Shraddha    | Lamichhane      | 94963  | Performance Optimization and Environmental Impact Assessment of Paraffin-Based Hybrid Rocket Fuels with Advanced Additives           | C4. IAF SPACE PROPULSION SYMPOSIUM   | Mach24 Orbitals                | Nepal                | 30/09/2025 | 13:35-13:45 | 41     |
| Jeremy      | Partington      | 101760 | Tether Based Propulsion - Low Hanging Fruit  | D2. IAF SPACE TRANSPORTATION SOLUTIONS AND INNOVATIONS SYMPOSIUM                       |                                | Australia            | 30/09/2025 | 13:35-13:45 | 44     |
| Tamia       | Neal            | 96681  | Enhancing Systems Integration through Modular Design: A Framework for Efficient Testing and Assessment in Complex Systems            | D1. IAF SPACE SYSTEMS SYMPOSIUM  | University of Alabama in Hunt  | United States        | 30/09/2025 | 13:05-13:15 | 42     |
| Ji-Seok     | Kim             | 99203  | A Study on Thermal Vacuum Test Method for Multi-Satellite  | D1. IAF SPACE SYSTEMS SYMPOSIUM  | Korea Aerospace Research Ins   | Korea, Republic of   | 30/09/2025 | 12:45-12:55 | 44     |
| Maria Anna  | Laino           | 100272 | Designing an In-Space Recycling Station for a Sustainable Circular Space Economy   | D3. 23rd IAA SYMPOSIUM ON BUILDING BLOCKS FOR FUTURE SPACE EXPLORATION AND DEVELOPMENT | University of Strathclyde      | United Kingdom       | 30/09/2025 | 12:55-13:05 | 46     |
| Lianxiang   | Jiang           | 95112  | Digital Twin Technology for Small Satellite Development and Operations: A Case Study of HEAD-2D                                      | D1. IAF SPACE SYSTEMS SYMPOSIUM  | China Academy of Space Tech    | China                | 30/09/2025 | 13:35-13:45 | 43     |

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|-------------------|---------------|--------|---|--|---------------------------------|----------------------|------------|-------------|--------|
| Robert            | Rochel        | 95355  | Quantitative Investigation of Lunar Surface Habitat Structure Technologies  | D3. 23rd IAA SYMPOSIUM ON BUILDING BLOCKS FOR FUTURE SPACE EXPLORATION AND DEVELOPMENT | International Space University  | United States        | 30/09/2025 | 12:45-12:55 | 47     |
| Marcelo           | Boldt         | 101426 | Building Reusable Hypersonic Spaceplanes: Technical Foundations and Development Roadmap   | D2. IAF SPACE TRANSPORTATION SOLUTIONS AND INNOVATIONS SYMPOSIUM                       | Space Generation Advisory Co    | Germany              | 30/09/2025 | 13:05-13:15 | 45     |
| Amina             | Valiyeva      | 94745  | enhancing space mission reliability through advanced knowledge management and cybersecurity frameworks  | D5. 58th IAA SYMPOSIUM ON SAFETY, QUALITY AND KNOWLEDGE MANAGEMENT IN SPACE ACTIVITIES | Azerbaijan State Oil and Indus  | Azerbaijan           | 30/09/2025 | 13:25-13:35 | 47     |
| Hassan            | Nooreldeen    | 94753  | Automated Detection and Classification of Solar Radio Bursts Using e-CALLISTO Spectrum Data and YOLO v11 deep learning model  | D5. 58th IAA SYMPOSIUM ON SAFETY, QUALITY AND KNOWLEDGE MANAGEMENT IN SPACE ACTIVITIES | Egyptian Space Agency (EGSA)    | Egypt                | 30/09/2025 | 13:05-13:15 | 47     |
| Chia Tian-Brearne | Chen          | 102740 | the role of space organisations in expanding multi-disciplinary engagement  | E1. IAF SPACE EDUCATION AND OUTREACH SYMPOSIUM   | Singtel Optus                   | Australia            | 30/09/2025 | 12:45-12:55 | 51     |
| Mollie            | Johnson       | 101012 | Preparing for Humans to Mars with the Mars Advanced Precursor Systems Program   | D3. 23rd IAA SYMPOSIUM ON BUILDING BLOCKS FOR FUTURE SPACE EXPLORATION AND DEVELOPMENT | Massachusetts Institute of Te   | United States        | 30/09/2025 | 13:35-13:45 | 46     |
| Arpit             | Raswant       | 99279  | International Business Policy for Sustainable Space   | E11. IAF SYMPOSIUM ON EMERGING SPACE ECOSYSTEMS  | The University of Newcastle A   | Australia            | 30/09/2025 | 13:05-13:15 | 60     |
| José Vagner       | Vital         | 94104  | ANALYSIS OF NEW STAKEHOLDERS IN THE BRAZILIAN SPACE PROGRAM IN NEW SPACE AND THE NEED FOR NEW GOVERNANCE  | E11. IAF SYMPOSIUM ON EMERGING SPACE ECOSYSTEMS  | ITA-DCTA                        | Brazil               | 30/09/2025 | 13:35-13:45 | 60     |
| Pedro             | Casau         | 102304 | VLEO Satellite Constellations for Global Communications: The Role of Air-Breathing Electric Propulsion  | D1. IAF SPACE SYSTEMS SYMPOSIUM  | University of Aveiro            | Portugal             | 30/09/2025 | 13:15-13:25 | 42     |
| Luis              | Cormier       | 98491  | From Class to Orbit: The NottSpace Approach to Undergraduate Space Education  | E1. IAF SPACE EDUCATION AND OUTREACH SYMPOSIUM   | University of Nottingham        | United Kingdom       | 30/09/2025 | 13:05-13:15 | 49     |
| Pepito            | Thelly        | 96042  | International space policy: a review of earth-based initiatives and current governance trends to develop a methodological framework for impartial opportunities in space exploration  | E3. 38th IAA SYMPOSIUM ON SPACE POLICY, REGULATIONS AND ECONOMICS                      | Texas A&M University            | United States        | 30/09/2025 | 12:55-13:05 | 53     |
| Esha              | Anura         | 94859  | Accelerating Into Space: Strategies for Governments to Leverage Existing Private Assets and Achieve Technological Leaps   | E6. IAF BUSINESSES AND INNOVATION SYMPOSIUM  | [unlisted]                      | Australia            | 30/09/2025 | 13:15-13:25 | 55     |
| Nazrin            | Jabbarli      | 100177 | pharmaceutical innovations in space: addressing health disorders and radiation effects on astronauts  | A1. IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM  | Azerbaijan Medical University   | Azerbaijan           | 30/09/2025 | 13:15-13:25 | 5      |
| Gabriela          | Quirós        | 101556 | Choice architecture as a success determinator of an analog astronaut training center in Costa Rica  | E5. 36th IAA SYMPOSIUM ON SPACE AND SOCIETY  | BioMechanics Expedition Tech    | Costa Rica           | 30/09/2025 | 13:35-13:45 | 53     |
| Alexandru         | Stanciu       | 101855 | Adaptive reinforcement learning for dynamic energy management in self-reliant deep space habitats: extending the CityLearn framework  | E5. 36th IAA SYMPOSIUM ON SPACE AND SOCIETY  | National Institute for Research | Romania              | 30/09/2025 | 12:55-13:05 | 54     |
| Somaya            | Bennani       | 98747  | Student-Led Analog Missions as Testbeds for Future Space Habitats: A Comparative Analysis of Asclepios II and MDRS Crew 311   | E5. 36th IAA SYMPOSIUM ON SPACE AND SOCIETY  | ISAE-Superaero University of T  | France               | 30/09/2025 | 13:35-13:45 | 54     |
| Denis             | Sindy         | 99858  | the potential of space technology as a catalyst for enhancing tourism and cultural preservation in asia pacific region  | E5. 36th IAA SYMPOSIUM ON SPACE AND SOCIETY  |                                 | Indonesia            | 30/09/2025 | 13:25-13:35 | 53     |
| Shuqi             | Li            | 96334  | WOVEN HABITAT—Sustainable Lunar Lava Tube Construction Plan   | E5. 36th IAA SYMPOSIUM ON SPACE AND SOCIETY  | Harbin Institute of Technology  | China                | 30/09/2025 | 12:45-12:55 | 55     |
| Zhelun            | Zhu           | 95617  | The role of inflatable structures in extraterrestrial habitation  | E5. 36th IAA SYMPOSIUM ON SPACE AND SOCIETY  | X'ian Jiaotong - Liverpool Univ | China                | 30/09/2025 | 13:05-13:15 | 54     |
| Florian           | Grünewald     | 96999  | Ambient Intelligence in Extreme Environments (Aml-EE): Research on intelligent habitats and the stimulation of social interaction for crew functioning in space habitats              | D1. IAF SPACE SYSTEMS SYMPOSIUM  | Darmstadt University of Appli   | Germany              | 30/09/2025 | 12:55-13:05 | 43     |
| Chang Ho          | LIM           | 99962  | The structure and characteristics of the Korean space industry from the perspective of the industrial network   | E6. IAF BUSINESSES AND INNOVATION SYMPOSIUM  | Korea Aerospace Research In     | Korea, Republic of   | 30/09/2025 | 13:25-13:35 | 56     |
| Akshat            | Johri         | 103642 | Leveraging Public–Private Partnerships to Accelerate Space Sector Growth in Emerging Economies  | E3. 38th IAA SYMPOSIUM ON SPACE POLICY, REGULATIONS AND ECONOMICS                      | [unlisted]                      | India                | 30/09/2025 | 13:35-13:45 | 52     |
| Michael           | Castle-Miller | 100663 | From the East India Company to the Space Barons: The Return of the Company-State?   | E6. IAF BUSINESSES AND INNOVATION SYMPOSIUM  | [unlisted]                      | United States        | 30/09/2025 | 13:35-13:45 | 55     |
| Vishwajith        | Lal           | 98476  | A Flexible Thermoelectric Cooling System for Astronaut Suits: A Lightweight Alternative to Liquid Cooling Garments.   | D3. 23rd IAA SYMPOSIUM ON BUILDING BLOCKS FOR FUTURE SPACE EXPLORATION AND DEVELOPMENT | Amity University, Dubai         | United Arab Emirates | 30/09/2025 | 13:25-13:35 | 46     |
| Pratik            | Ambani        | 99275  | Economic Assessments for Australian Space-Related Research and Development Activities   | E5. 36th IAA SYMPOSIUM ON SPACE AND SOCIETY  |                                 | Australia            | 30/09/2025 | 12:45-12:55 | 54     |
| JOHAN             | FLORES TORRES | 103861 | Design of a Modular Educational CubeSat as a Tool for Aerospace Engineering Education in Peru   | E1. IAF SPACE EDUCATION AND OUTREACH SYMPOSIUM   | Universidad Nacional de Ingen   | Peru                 | 30/09/2025 | 12:55-13:05 | 50     |
| Minkwan           | Kim           | 103634 | Multiscale Modelling of Satellite Ablation and Their Environmental Impacts  | A6. 23rd IAA SYMPOSIUM ON SPACE DEBRIS   | University of Southampton       | United Kingdom       | 30/09/2025 | 13:35-13:45 | 16     |
| Hallam            | Burnapp       | 100990 | AI-Driven Cybersecurity for Satellite Systems: Simulating Attacks, Legal Accountability, and Strategic Stability in Space   | E7. ISL COLLOQUIUM ON THE LAW OF OUTER SPACE   | University of Aberdeen, Scott   | United Kingdom       | 30/09/2025 | 12:55-13:05 | 59     |
| Henry             | Feng          | 101100 | Charting a Path Towards a Multi-Hominin Existence: Implications of Space Exploration for Human Rights   | E7. ISL COLLOQUIUM ON THE LAW OF OUTER SPACE   | Space Generation Advisory Co    | Australia            | 30/09/2025 | 12:45-12:55 | 59     |
| Giulia            | Priotti       | 97875  | Intellectual Property Protection for Remote Sensing (AI-generated) Data: Challenges, Solutions through Map-Based Analogies, and the overarching Outer Space Treaty's Sharing Dilemma. | E7. ISL COLLOQUIUM ON THE LAW OF OUTER SPACE   | University of Trento            | Italy                | 30/09/2025 | 13:15-13:25 | 58     |
| king              | kumire        | 95839  | Limping contracts in Africa's space sector: Addressing risk transfer, information asymmetry, and innovation barriers in investor-start-up agreements                                  | E6. IAF BUSINESSES AND INNOVATION SYMPOSIUM  | University of South Africa - UN | United Kingdom       | 30/09/2025 | 13:35-13:45 | 56     |

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| Zamara            | Rodriguez       | 102323 | challenges of the application of the Law of the armed conflict to cyberwarfare in outer space   | E7. ISL COLLOQUIUM ON THE LAW OF OUTER SPACE   | Space Industry Association of                        | Australia            | 30/09/2025 | 12:55-13:05 | 58     |
| Maurice           | Uteg            | 97179  | Machine Learning Approach for Accurate and Robust Satellite Tracking in Optical Space-to-Ground Communication using Time-Series Prediction for LEO Satellites           | A6. 23rd IAA SYMPOSIUM ON SPACE DEBRIS   | DLR (German Aerospace Center)                        | Germany              | 30/09/2025 | 12:55-13:05 | 17     |
| Shimrit           | Maman           | 101421 | Space Gurion empowering the next generation: A student-led approach to space workforce development  | E1. IAF SPACE EDUCATION AND OUTREACH SYMPOSIUM   | Ben-Gurion University of the Negev                   | Israel               | 30/09/2025 | 13:35-13:45 | 50     |
| Anastasia         | Mekh            | 97019  | Integral and probe characteristics of a laboratory model of an accelerator with closed electron drift on a mixture of reactive gases                                    | C4. IAF SPACE PROPULSION SYMPOSIUM   | Bauman Moscow State Technical University             | Russian Federation   | 30/09/2025 | 12:55-13:05 | 41     |
| Nathan            | Wallace         | 99715  | An integrated framework for mission design and guidance for autonomous in-orbit servicing missions  | C1. IAF ASTRODYNAMICS SYMPOSIUM  | The University of Sydney                             | Australia            | 30/09/2025 | 13:35-13:45 | 30     |
| Giuseppe          | Di Pasquale     | 100369 | Efficient Mission Analysis for Small Satellites: Maneuver Planning, Constellation Deployment, and Propulsion Optimization   | C4. IAF SPACE PROPULSION SYMPOSIUM   | IEA/ SPACE   | Spain                | 30/09/2025 | 13:35-13:45 | 40     |
| Jacinta           | Richards        | 99461  | enhancing thermal energy dissipation of CFRP for small satellite applications   | D3. 23rd IAA SYMPOSIUM ON BUILDING BLOCKS FOR FUTURE SPACE EXPLORATION AND DEVELOPMENT | Swinburne University of Technology                   | Australia            | 30/09/2025 | 13:35-13:45 | 45     |
| Maheen            | Parbhoo         | 102121 | Piloting space tech incubation programmes in East Africa  | E6. IAF BUSINESSES AND INNOVATION SYMPOSIUM  | The Research Institute for Innovation and Enterprise | South Africa         | 30/09/2025 | 13:25-13:35 | 55     |
| Alev              | Sönmez          | 99714  | Assessing the Financial and Market Barriers to Space Debris Monitoring: A Policy and Economic Analysis of the European SSA Landscape                                    | A6. 23rd IAA SYMPOSIUM ON SPACE DEBRIS   | Fraunhofer FHR                                       | Germany              | 30/09/2025 | 13:35-13:45 | 20     |
| Logan             | Philbrick       | 103606 | strategic approaches to investment readiness in the space industry: navigating market challenges and funding obstacles  | E6. IAF BUSINESSES AND INNOVATION SYMPOSIUM  |  | United States        | 30/09/2025 | 13:05-13:15 | 56     |
| Abhishek          | Dubey           | 103776 | State-Specific Incentives for Commercial Space Activities in India and Learnings from Global Precedent  | E3. 38th IAA SYMPOSIUM ON SPACE POLICY, REGULATIONS AND ECONOMICS                      | Trilegal   | India                | 30/09/2025 | 13:05-13:15 | 52     |
| Marisol           | Ramos Camacho   | 103880 | Radiation and Electromagnetic Effects on Edible Plants: Findings from the Aurora 91 Mars Analog Mission   | A1. IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM  | Universidad Nacional Mayor de San Marcos             | Peru                 | 30/09/2025 | 13:35-13:45 | 2      |
| mingli            | liu             | 99599  | nonlinear mechanics of a deployable origami flexible arm for space capture  | C2. IAF MATERIALS AND STRUCTURES SYMPOSIUM   | Harbin Institute of Technology                       | China                | 30/09/2025 | 12:55-13:05 | 36     |
| Khaled            | Alnaqbi         | 98649  | the emirates mission to the asteroid belt: a modular and scalable simulation framework for spacecraft testing   | D1. IAF SPACE SYSTEMS SYMPOSIUM  | UAE Space Agency                                     | United Arab Emirates | 30/09/2025 | 13:15-13:25 | 43     |
| Susana            | Alves           | 101047 | Developing a Simulated Situation Room for Training Medical Autonomy in Deep-Space Missions  | A1. IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM  | Asclepios  | Portugal             | 30/09/2025 | 13:05-13:15 | 3      |
| Isaac Arturo      | Casillas Juárez | 102744 | Transdermal biomedical patch against radiation hazard of deep space, a necessary treatment to reach space exploration.  | A1. IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM  | IPN  | Mexico               | 30/09/2025 | 12:45-12:55 | 2      |
| Maria del Rosario | Canchal         | 99608  | Cleanliness and contamination control plan and its implementation for the Detector Plane Assembly in the frame of the Soft X-ray Imager Instrument in the SMILE Mission | D5. 58th IAA SYMPOSIUM ON SAFETY, QUALITY AND KNOWLEDGE MANAGEMENT IN SPACE ACTIVITIES | Instituto Nacional de Técnica Aeroespacial           | Spain                | 30/09/2025 | 13:05-13:15 | 48     |
| Marie             | Lambert         | 95245  | From the Classroom to the Stratosphere: Inspiring High School Students Through the EXPLORA Balloon Program in the Arctic  | E1. IAF SPACE EDUCATION AND OUTREACH SYMPOSIUM   | Swedish Space Corporation (Svea)                     | Sweden               | 30/09/2025 | 13:15-13:25 | 50     |
| Taiichi           | Motomura        | 94657  | Development of turbopumps for LE-9, first stage engine of H3 Launch Vehicle   | C4. IAF SPACE PROPULSION SYMPOSIUM   |  | Japan                | 30/09/2025 | 12:55-13:05 | 39     |
| Eamon             | Lawson          | 103568 | Shortcomings, Obligations and Opportunities: The Role of Indigenous Stakeholder Consultation in Constructing Sustainable Launch and Return Ecosystems                   | E3. 38th IAA SYMPOSIUM ON SPACE POLICY, REGULATIONS AND ECONOMICS                      |  | Australia            | 30/09/2025 | 13:05-13:15 | 53     |
| Ana               | Soliz de Stange | 94225  | A New International Order of Outer Space?   | E7. ISL COLLOQUIUM ON THE LAW OF OUTER SPACE   |  | Germany              | 30/09/2025 | 13:35-13:45 | 57     |
| Jacqueline        | Reichhold       | 103511 | Cologne Manual on Space Traffic Management: A First Step toward Global STM?   | B6. IAF SPACE OPERATIONS SYMPOSIUM   | Institute of Air and Space Law                       | Germany              | 30/09/2025 | 13:15-13:25 | 30     |
| Małgorzata        | Majda           | 100568 | Enhancement of the main sub-systems in Student Researched and Developed (SRAD) Hybrid Rocket Engine (HRE)   | C4. IAF SPACE PROPULSION SYMPOSIUM   | Gdansk University of Technology                      | Poland               | 30/09/2025 | 13:25-13:35 | 38     |
| Hajar             | Naghiyeva       | 101024 | AI for Space Debris Monitoring: A Critical Review of Predictive Models and Their Challenges   | A6. 23rd IAA SYMPOSIUM ON SPACE DEBRIS   | ADA University                                       | Azerbaijan           | 30/09/2025 | 13:35-13:45 | 18     |
| Saverio Maria     | Currà           | 103375 | BILAR (Benchmarking and Inversion of Light Curve for Attitude Reconstruction with Expert Centre Support)  | A6. 23rd IAA SYMPOSIUM ON SPACE DEBRIS   | University of Rome "La Sapienza"                     | Italy                | 30/09/2025 | 13:35-13:45 | 17     |
| Daniel Raphael    | Wacker          | 97799  | Large-scale determination and analysis of area-to-mass ratios from orbital fragments  | A6. 23rd IAA SYMPOSIUM ON SPACE DEBRIS   | TU Braunschweig, Institute of Space Systems          | Germany              | 30/09/2025 | 13:15-13:25 | 18     |
| JIANING           | LIU             | 99111  | High-efficiency Reduced Sequential Convex Programming for Mars Ascent Vehicle Multi-phase Trajectory Optimization   | A3. IAF SPACE EXPLORATION SYMPOSIUM  | Northwestern Polytechnical University                | China                | 01/10/2025 | 13:15-13:25 | 12     |
| Mojtaba           | Raouf           | 96988  | Educational Moon Earth CubeSat - EMEC: Remote Sensing of Earth and Lunar Surface  | A3. IAF SPACE EXPLORATION SYMPOSIUM  | Leiden University                                    | The Netherlands      | 01/10/2025 | 13:05-13:15 | 13     |
| Martin            | Krynitz         | 95818  | creating a lunar partner ground station network   | A3. IAF SPACE EXPLORATION SYMPOSIUM  | Kongsberg Satellite Services AS                      | Norway               | 01/10/2025 | 12:45-12:55 | 10     |
| Fidan             | Shiralizada     | 96532  | Can Europa support life?  | A3. IAF SPACE EXPLORATION SYMPOSIUM  | National Aviation Academy - Azerbaijan               | Azerbaijan           | 01/10/2025 | 13:35-13:45 | 10     |
| He                | Ren             | 101590 | Fuel-optimal Trajectory Planning for Multi-Debris Active Removal Missions using Hierarchical Reinforcement Learning   | A6. 23rd IAA SYMPOSIUM ON SPACE DEBRIS   | Beihang University (BUAA)                            | China                | 01/10/2025 | 13:05-13:15 | 15     |

| First            | Last              | Id     | Title  | Symposium  | Company                                 | Country        | Date       | Time        | Screen |
|------------------|-------------------|--------|--|--|---|----------------|------------|-------------|--------|
| Kuang-Han        | Ke                | 102172 | System View On Space Sustainability Solutions  | A6. 23rd IAA SYMPOSIUM ON SPACE DEBRIS             | Gran Systems Co., Ltd.                  | Taiwan, China  | 01/10/2025 | 12:45-12:55 | 18     |
| Patrick          | Kelly             | 102956 | Projections of the Lunar Debris Environment: Lunar Population and Long-Term Orbit Modeling   | A6. 23rd IAA SYMPOSIUM ON SPACE DEBRIS             | The Aerospace Corporation               | United States  | 01/10/2025 | 12:45-12:55 | 20     |
| Sumedh           | Deshpande         | 102666 | Design and simulation of 3-D printing process to recycle space debris  | A6. 23rd IAA SYMPOSIUM ON SPACE DEBRIS             | Private                                 | India          | 01/10/2025 | 13:15-13:25 | 15     |
| Paul             | Pintea            | 100435 | A Framework For Autonomous Spacecraft De-orbiting Taking Into Account Uncertainties  | A6. 23rd IAA SYMPOSIUM ON SPACE DEBRIS             | ISAE-Supaero University of Toulouse     | France         | 01/10/2025 | 13:35-13:45 | 15     |
| Lovejivan        | Sidhu             | 100451 | Verification and Validation of an Optical CubeSat Payload for Stratospheric and Orbital Missions   | A6. 23rd IAA SYMPOSIUM ON SPACE DEBRIS             | York University                         | Canada         | 01/10/2025 | 13:05-13:15 | 20     |
| Yan Chun         | Fu                | 100843 | Application of Sub-Pixel Mapping in Space-Based Satellite Identification for Space Situational Awareness   | A6. 23rd IAA SYMPOSIUM ON SPACE DEBRIS             | York University                         | Canada         | 01/10/2025 | 12:45-12:55 | 16     |
| Zhihao           | Zhang             | 99888  | RSO-SAM: A Zero-Shot Segmentation Framework for Resident Space Objects Using the Segment Anything Model  | A6. 23rd IAA SYMPOSIUM ON SPACE DEBRIS             | National Key Laboratory of Aerospace    | China          | 01/10/2025 | 13:05-13:15 | 19     |
| Seda             | AYDIN             | 100908 | Operational Impacts of International Agreements and Regulations in Space Traffic Management and Proposed Solutions                                       | A6. 23rd IAA SYMPOSIUM ON SPACE DEBRIS             | TUBITAK Uzay, Space Technologies        | Türkiye        | 01/10/2025 | 13:05-13:15 | 16     |
| Jing             | Yu                | 99825  | Periodic Deduction Method for Low Earth Orbit Spacecraft Breakup Debris Population   | A6. 23rd IAA SYMPOSIUM ON SPACE DEBRIS             | Tsinghua University                     | China          | 01/10/2025 | 13:15-13:25 | 19     |
| Jakub            | Leś               | 100514 | Quantifying the Threat of Localized Fragmentation Events in Low Earth Orbit: Simulation-Based Assessment of Debris Evolution and Operational Disruptions | A6. 23rd IAA SYMPOSIUM ON SPACE DEBRIS             | University of Wrocław (UWr)             | Poland         | 01/10/2025 | 13:35-13:45 | 16     |
| Shuanghong       | Wu                | 99253  | Active debris removal mission planning: an integrated deep reinforcement learning and genetic algorithm approach   | A6. 23rd IAA SYMPOSIUM ON SPACE DEBRIS             | Harbin Institute of Technology          | China          | 01/10/2025 | 13:15-13:25 | 20     |
| Joseph           | Ivarson           | 95256  | Operational Envelope Analysis and Conops Comparisons for Small Debris Remediation Using Programmable Dust  | A6. 23rd IAA SYMPOSIUM ON SPACE DEBRIS             | Auburn University                       | United States  | 01/10/2025 | 12:55-13:05 | 17     |
| Raphael Eyiram   | Soglo             | 96964  | Assessing the Environmental Consequences of Satellite Reentry: Impact on Ozone Layer Depletion   | A6. 23rd IAA SYMPOSIUM ON SPACE DEBRIS             | Space Generation Advisory Committee     | Ghana          | 01/10/2025 | 13:35-13:45 | 17     |
| Bruno            | Correia           | 98797  | GAMALINK: An Enabler For Autonomous Satellite Swarms and Enhanced Collision Avoidance through Inter-Satellite Communication                              | B4. 32nd IAA SYMPOSIUM ON SMALL SATELLITE MISSIONS | Tekever                                 | Portugal       | 01/10/2025 | 13:05-13:15 | 28     |
| Huseyn           | Huseynov          | 98840  | Promoting Space Science through Small Satellites: Innovations, Discoveries, and Future Prospects   | B4. 32nd IAA SYMPOSIUM ON SMALL SATELLITE MISSIONS | Azerbaijan Technical University         | Azerbaijan     | 01/10/2025 | 13:15-13:25 | 28     |
| Theo             | Fitch             | 100098 | Sounding Balloons as a Low-Cost Platform for CubeSat Subsystem Validation: Insights from the Cloudview Missions  | B4. 32nd IAA SYMPOSIUM ON SMALL SATELLITE MISSIONS | University of Glasgow                   | United Kingdom | 01/10/2025 | 13:35-13:45 | 27     |
| Robert           | Mearns            | 99707  | OrbViz: an open source satellite mission visualisation tool.   | B4. 32nd IAA SYMPOSIUM ON SMALL SATELLITE MISSIONS | University of Melbourne                 | Australia      | 01/10/2025 | 13:25-13:35 | 28     |
| Jiaqi            | Min               | 97960  | Distributed Game-Theoretic Control for Attitude Alignment in LEO Satellites to Maintain Laser Communication  | B4. 32nd IAA SYMPOSIUM ON SMALL SATELLITE MISSIONS | School of Aeronautics and Astronautics  | China          | 01/10/2025 | 12:55-13:05 | 28     |
| Maria            | Mattielo          | 98413  | Feasibility Study of a Multi-Functional CubeSat for Comprehensive Solar Observations and Space Weather Monitoring  | B4. 32nd IAA SYMPOSIUM ON SMALL SATELLITE MISSIONS | University of Naples "Federico II"      | Italy          | 01/10/2025 | 13:15-13:25 | 27     |
| Helen            | Haile             | 95473  | A Low-Cost CubeSat Mission for Monitoring Sea Level Rise in Coastal Regions  | B4. 32nd IAA SYMPOSIUM ON SMALL SATELLITE MISSIONS | University of Nottingham                | United Kingdom | 01/10/2025 | 13:25-13:35 | 27     |
| Valentina        | Becchetti         | 102774 | Safe Reinforcement Learning for Autonomous Rendezvous and Proximity Operations: Balancing Safety and Performance in CubeSat Docking Missions             | C1. IAF ASTRODYNAMICS SYMPOSIUM                    | University of Rome "La Sapienza"        | Italy          | 01/10/2025 | 13:25-13:35 | 30     |
| Adam             | Brogan            | 100061 | Enhancing Path Planning for High-Altitude Balloon Missions: Strategies for Improved Trajectory Accuracy and Payload Recovery                             | C1. IAF ASTRODYNAMICS SYMPOSIUM                    | University of Glasgow                   | United Kingdom | 01/10/2025 | 13:05-13:15 | 32     |
| LIXIANG          | WANG              | 96731  | Stochastic Trajectory Optimization for Satellite Swarm Reconfiguration via Convex Optimization   | C1. IAF ASTRODYNAMICS SYMPOSIUM                    | Research Center of Satellite Technology | China          | 01/10/2025 | 12:55-13:05 | 30     |
| Edgar            | Kirchner          | 96389  | Dimensionality reduction in angles-only \ optimal orbit determination  | C1. IAF ASTRODYNAMICS SYMPOSIUM                    | Technische Universität München          | Germany        | 01/10/2025 | 13:05-13:15 | 30     |
| Simone           | Proietti          | 102207 | MONET: an industry-oriented software suite for mission analysis  | C1. IAF ASTRODYNAMICS SYMPOSIUM                    | Thales Alenia Space                     | Italy          | 01/10/2025 | 13:05-13:15 | 31     |
| Muhammed Mustafa | KARAKAŞ           | 101727 | Detection of Material Life in Spacecraft Using an AI-Supported Ground Control Station  | C2. IAF MATERIALS AND STRUCTURES SYMPOSIUM         |   | Türkiye        | 01/10/2025 | 13:05-13:15 | 35     |
| Damiano          | Carra             | 102502 | design and analysis of a lightweight differential-bar-based system for a four-wheel rover  | C2. IAF MATERIALS AND STRUCTURES SYMPOSIUM         | Politecnico di Torino                   | Italy          | 01/10/2025 | 13:35-13:45 | 36     |
| Louis            | Bruninx           | 96551  | Robust TLE Outlier Detection Algorithm with Manoeuvre Detection Capabilities   | C1. IAF ASTRODYNAMICS SYMPOSIUM                    | Delft University of Technology          | Belgium        | 01/10/2025 | 12:45-12:55 | 31     |
| Shun             | Kodama            | 97832  | ROBUST TRAJECTORY OPTIMIZATION SOFTWARE USING DIFFERENTIAL DYNAMIC PROGRAMMING   | C1. IAF ASTRODYNAMICS SYMPOSIUM                    | Research Institute of Systems and Space | Japan          | 01/10/2025 | 12:55-13:05 | 33     |
| Angélica         | Gutiérrez Sánchez | 102009 | Evaluation of simulation methods for fracture detection in rocket fuselages using computer vision.   | C2. IAF MATERIALS AND STRUCTURES SYMPOSIUM         | Instituto Politécnico Nacional          | Mexico         | 01/10/2025 | 12:45-12:55 | 37     |
| Aayush           | Thapa             | 102259 | evaluating the structural integrity of hand-laid benzoxazine composite joints for high-temperature solid rocket motor casings                            | C2. IAF MATERIALS AND STRUCTURES SYMPOSIUM         | UNSW Australia                          | Australia      | 01/10/2025 | 12:55-13:05 | 34     |

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|-------------|---------------|--------|---|--|--|--------------------|------------|-------------|--------|
| Simon       | Stapperfend   | 101258 | Experiments on Molten Regolith Extrusion (MREx) Under Vacuum Conditions   | C2. IAF MATERIALS AND STRUCTURES SYMPOSIUM   | TU Berlin  | Germany            | 01/10/2025 | 13:25-13:35 | 36     |
| Rumeysa     | Bağlan        | 102815 | Redefining Satellite Structures: The Impact of Advanced Manufacturing, Material Selection, and On-Orbit Assembly  | C2. IAF MATERIALS AND STRUCTURES SYMPOSIUM   | Yildiz Technical University                                    | Türkiye            | 01/10/2025 | 13:25-13:35 | 35     |
| Cheryl      | Chan          | 99260  | Evaluating the Surface Quality and Optical Performance of Additively Manufactured Mirrors   | C2. IAF MATERIALS AND STRUCTURES SYMPOSIUM   | University of South Australia                                  | Australia          | 01/10/2025 | 13:15-13:25 | 36     |
| Sriram      | Kumar         | 96110  | Advancements in Additive Manufacturing Techniques for Aerospace Applications: A Comprehensive Review on Performance-Driven Material Innovations, Process Optimization, and Future Prospects | C2. IAF MATERIALS AND STRUCTURES SYMPOSIUM   | University of Southern California                              | United States      | 01/10/2025 | 13:25-13:35 | 34     |
| Praveen     | Elavazhagan   | 97887  | MARIO-LAND: a Multi Arm Robot for In-orbit Operations at Laboratory for Autonomous Navigation Demonstrations  | C2. IAF MATERIALS AND STRUCTURES SYMPOSIUM   | Cranfield University, Cranfield                                | United Kingdom     | 01/10/2025 | 13:35-13:45 | 35     |
| Quentin     | Michalski     | 94442  | Design of the wheels for the Australia's first lunar rover  | C2. IAF MATERIALS AND STRUCTURES SYMPOSIUM   | School of Aerospace, Mechanical Engineering                    | Australia          | 01/10/2025 | 13:05-13:15 | 37     |
| Gülseren    | SAKARYA       | 94786  | XGS Space Waste Recycling Station: A sustainable resource Manufacturing in Orbit  | C2. IAF MATERIALS AND STRUCTURES SYMPOSIUM   | Ministry of Industry and Technology                            | Türkiye            | 01/10/2025 | 12:45-12:55 | 34     |
| Khanim      | Azimova       | 98119  | Challenges and Future Prospects of Innovative Materials and Technologies in Spacecraft Development  | C2. IAF MATERIALS AND STRUCTURES SYMPOSIUM   | National Aviation Academy - Azerbaijan                         | Azerbaijan         | 01/10/2025 | 12:55-13:05 | 35     |
| Victor Raul | Huaman Simeon | 99304  | Implementation of a Cloud-Based ERP System for Optimized Inventory and Supply Management in Space Stations and Long-Duration Missions   | C2. IAF MATERIALS AND STRUCTURES SYMPOSIUM   | [unlisted]   | Peru               | 01/10/2025 | 12:45-12:55 | 35     |
| Nana        | Gordon        | 102982 | Enhancing the Common Goal of Space Exploration by Bridging Disciplines  | E1. IAF SPACE EDUCATION AND OUTREACH SYMPOSIUM   | Space Generation Advisory Council                              | United States      | 01/10/2025 | 12:55-13:05 | 49     |
| Tatsuya     | Nukushina     | 94456  | Development of Vibratory Compaction Methods for Regolith Blocks and Trial Lunar Road Construction   | D3. 23rd IAA SYMPOSIUM ON BUILDING BLOCKS FOR FUTURE SPACE EXPLORATION AND DEVELOPMENT | National Institute of Technology                               | Japan              | 01/10/2025 | 12:55-13:05 | 10     |
| Vitale      | Diamandis     | 102106 | Harnessing Gen Z's Vision and Navigating the Future of Aerospace  | D4. 23rd IAA SYMPOSIUM ON VISIONS AND STRATEGIES FOR THE FUTURE                        | Aerojet Rocketdyne   | United States      | 01/10/2025 | 13:25-13:35 | 45     |
| ASLIPINAR   | TAN           | 96088  | Impact of Earth-Sun Orbital Variations on Climate Change and Magnetic Polarity of Earth   | D4. 23rd IAA SYMPOSIUM ON VISIONS AND STRATEGIES FOR THE FUTURE                        |  | Türkiye            | 01/10/2025 | 13:05-13:15 | 45     |
| Ravil       | Mursalov      | 97667  | Integrating earth observation into Climate Change Education   | E1. IAF SPACE EDUCATION AND OUTREACH SYMPOSIUM   | National Aviation Academy - Azerbaijan                         | Azerbaijan         | 01/10/2025 | 12:45-12:55 | 49     |
| Naomi       | McGill        | 94837  | Galvanize FSO Network to assist with Radiation Monitoring and Blood Transfusions  | D5. 58th IAA SYMPOSIUM ON SAFETY, QUALITY AND KNOWLEDGE MANAGEMENT IN SPACE ACTIVITIES | [unlisted]   | United Kingdom     | 01/10/2025 | 12:55-13:05 | 47     |
| frazier     | thorpe        | 101457 | Cosmic Narratives: ARC Centre of Excellence in Plants for Space (P4S) innovations in Community Engagement in Space Research   | E1. IAF SPACE EDUCATION AND OUTREACH SYMPOSIUM   | La Trobe University  | Australia          | 01/10/2025 | 13:25-13:35 | 51     |
| Li          | Qiao          | 102179 | Exploring the Australian Space Industry Capability Database: Initial Findings and Visualization   | E11. IAF SYMPOSIUM ON EMERGING SPACE ECOSYSTEMS  | University of New South Wales                                  | Australia          | 01/10/2025 | 13:35-13:45 | 59     |
| Daniel      | Sors Raurell  | 102958 | Successful initiatives to connect and interact with emerging space ecosystems   | E11. IAF SYMPOSIUM ON EMERGING SPACE ECOSYSTEMS  | Institut d'Estudis Espacials de Catalunya                      | Spain              | 01/10/2025 | 13:05-13:15 | 59     |
| Daniel      | Sors Raurell  | 103131 | Empowering the Next Generation of the Space Workforce through Targeted Scholarships and Industry Internships  | E1. IAF SPACE EDUCATION AND OUTREACH SYMPOSIUM   | Institut d'Estudis Espacials de Catalunya                      | Spain              | 01/10/2025 | 13:35-13:45 | 49     |
| Dalia       | Alrudaini     | 100472 | K-STAR: A Catalyst for Kuwait's Growing Presence in the Global Space Sector   | E11. IAF SYMPOSIUM ON EMERGING SPACE ECOSYSTEMS  | K-STAR (Kuwait Simulation, Training and Research)              | Kuwait             | 01/10/2025 | 13:15-13:25 | 59     |
| Gamza       | Yahyayeva     | 102794 | Integrated teaching of chemistry with space to secondary school students  | E1. IAF SPACE EDUCATION AND OUTREACH SYMPOSIUM   | Baku State University  | Azerbaijan         | 01/10/2025 | 13:05-13:15 | 51     |
| Michael     | Kio           | 99164  | Space Sustainability: A Catalyst for Socio-Economic Development in Emerging Space Nations   | E11. IAF SYMPOSIUM ON EMERGING SPACE ECOSYSTEMS  | University of Maryland - College Park                          | United States      | 01/10/2025 | 13:35-13:45 | 60     |
| Ioana       | Petrescu      | 95597  | Government as an Innovation Catalyst: The Role of Grants and Prizes in Emerging Space Ecosystems  | E11. IAF SYMPOSIUM ON EMERGING SPACE ECOSYSTEMS  | The National University of Political Studies and Economics     | Romania            | 01/10/2025 | 12:45-12:55 | 60     |
| Ayako       | Kurono        | 100669 | Leveraging Generative AI for Space Education and Public Engagement  | E1. IAF SPACE EDUCATION AND OUTREACH SYMPOSIUM   | [unlisted]   | Japan              | 01/10/2025 | 13:05-13:15 | 49     |
| Cheulwoong  | Kim           | 94712  | supporting private space companies and developing space technology education  | E1. IAF SPACE EDUCATION AND OUTREACH SYMPOSIUM   | Korea Aerospace Research Institute                             | Korea, Republic of | 01/10/2025 | 13:25-13:35 | 50     |
| Shameer     | Zeeshan       | 94839  | democratizing space education through gamification  | E1. IAF SPACE EDUCATION AND OUTREACH SYMPOSIUM   | Stellalliance  | Pakistan           | 01/10/2025 | 13:15-13:25 | 51     |
| Marcin      | Giza          | 94430  | Combining satellite data and public safety in space education   | E1. IAF SPACE EDUCATION AND OUTREACH SYMPOSIUM   | SpaceShip  | Poland             | 01/10/2025 | 13:05-13:15 | 50     |
| Erick Villa | Okeyo         | 94121  | A New Era of Space: Technological, Ethical, and Global Perspectives.  | E5. 36th IAA SYMPOSIUM ON SPACE AND SOCIETY  | Kenya Space Agency (KSA)                                       | Kenya              | 01/10/2025 | 13:05-13:15 | 53     |
| Maheen      | Parbhoo       | 102146 | Building an African space tech fund: catalysing innovation and investment through public-private partnerships   | E6. IAF BUSINESSES AND INNOVATION SYMPOSIUM  | The Research Institute for Innovation and Enterprise           | South Africa       | 01/10/2025 | 12:45-12:55 | 57     |
| Rongxuan    | Chong         | 102316 | An analysis on the current environment and potential methods to improve regional space collaboration in Oceania   | E11. IAF SYMPOSIUM ON EMERGING SPACE ECOSYSTEMS  |  | Australia          | 01/10/2025 | 13:25-13:35 | 60     |
| Keri        | Arango        | 94054  | Low-Cost Open-Circuit Subsonic Wind Tunnel: Achieving Balance between Reproducibility, Affordability, and Performance   | E6. IAF BUSINESSES AND INNOVATION SYMPOSIUM  | High Technology Unit (UAT) of the Mexican Space Agency (CONAE) | Mexico             | 01/10/2025 | 13:15-13:25 | 56     |



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|--------------|------------------|--------|---|--|---|----------------------|------------|-------------|--------|
| Luke         | Heffernan        | 103122 | The Role and Creation of Direction in Growing an Emerging Space Nation  | E11. IAF SYMPOSIUM ON EMERGING SPACE ECOSYSTEMS  | University of Adelaide                                  | Australia            | 01/10/2025 | 13:15-13:25 | 60     |
| Beauler      | Wozhele          | 102191 | Private Sector Growth and Space Law in Africa: Legal Challenges in Regulating Commercial Space Activities   | E7. IISL COLLOQUIUM ON THE LAW OF OUTER SPACE  |   | Zimbabwe             | 01/10/2025 | 13:15-13:25 | 58     |
| Marie-Claire | Najjar           | 102424 | Liability regimes at the intersection of outer space and cyber space  | E7. IISL COLLOQUIUM ON THE LAW OF OUTER SPACE  |   | Italy                | 01/10/2025 | 12:45-12:55 | 58     |
| Christina    | Almonte          | 102898 | Customary Behavior in Space: The Implications of Jamming and Spoofing of Small Satellites on International Law and State Practice   | E7. IISL COLLOQUIUM ON THE LAW OF OUTER SPACE  | Institute of Air and Space Law                          | Canada               | 01/10/2025 | 13:15-13:25 | 57     |
| Tim          | Parsons          | 99502  | Spinning Up a Space Economy: A Deliberate Approach To Surpass Nascency  | E11. IAF SYMPOSIUM ON EMERGING SPACE ECOSYSTEMS  |   | Australia            | 01/10/2025 | 13:05-13:15 | 60     |
| Franziska    | Knur             | 100774 | The Ongoing Work of the Working Group on the Status and Application of the Five United Nations Treaties on Outer Space of the COPUOS Legal Subcommittee on the Implementation of Article XI of the Outer Space Treaty | E7. IISL COLLOQUIUM ON THE LAW OF OUTER SPACE  | German Aerospace Center (DLR)                           | Germany              | 01/10/2025 | 13:05-13:15 | 58     |
| Camila       | Erazo Gonzalez   | 98654  | The Jurisdiction and State Sovereignty in Space: Is Radiofrequency and Spectrum an Intangible Territory of States?  | E7. IISL COLLOQUIUM ON THE LAW OF OUTER SPACE  |   | Colombia             | 01/10/2025 | 12:55-13:05 | 58     |
| Aagam        | Jain             | 102852 | Enhancing Astronauts' Resilience Through Jain Meditation (Bhawna Yog): A Neurophysiological Approach for Space Missions and Beyond  | A1. IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM  |   | India                | 01/10/2025 | 13:35-13:45 | 2      |
| Myungbo      | Shim             | 103871 | Development and Ground Demonstration of a Green-Propellant Orbital Transfer Vehicle for Reusable In-Space Logistics   | D2. IAF SPACE TRANSPORTATION SOLUTIONS AND INNOVATIONS SYMPOSIUM                       | [unlisted]  | Korea, Republic of   | 01/10/2025 | 13:25-13:35 | 44     |
| Alessandro   | Paravano         | 95805  | Challenges and Incentives in Developing Sustainable Commercial Space Projects: The Strategic Role of PPPs   | E6. IAF BUSINESSES AND INNOVATION SYMPOSIUM  | Politecnico di Milano                                   | Italy                | 01/10/2025 | 13:35-13:45 | 55     |
| Adrian       | Diez             | 100481 | Enhancing Orbital Safety: A Scalable SaaS Platform for Advanced Space Situational Awareness and Traffic Management  | A6. 23rd IAA SYMPOSIUM ON SPACE DEBRIS   | OKAPI:Orbits GmbH                                       | Germany              | 01/10/2025 | 13:25-13:35 | 17     |
| Tze Chuen    | NG               | 103489 | Micro Planetary Sampling System for planetary low payload explorations  | A3. IAF SPACE EXPLORATION SYMPOSIUM  | [unlisted]  | Hong Kong SAR, China | 01/10/2025 | 12:45-12:55 | 12     |
| Kamal        | Pashayev         | 96505  | Radiation, Microgravity, and Medicine: Protecting Human Life in Space   | A1. IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM  | Azerbaijan State Oil and Industry University            | Azerbaijan           | 01/10/2025 | 13:05-13:15 | 1      |
| Sabiha Melek | Ari              | 102540 | increasing phytoalexin synthesis to enhance agricultural sustainability in space  | A1. IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM  | Cukurova University                                     | Türkiye              | 01/10/2025 | 13:35-13:45 | 4      |
| Shabnam      | Ibrahimova       | 103661 | satellite-based ai mental health support in space: introducing friender   | A1. IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM  | Azerbaijan State Oil and Industry University            | Azerbaijan           | 01/10/2025 | 13:05-13:15 | 4      |
| Minwoo       | Han              | 103504 | Enhancing Ignition Performance and Self-Sustained Combustion via Wire Vibration in a Water–Metal Micropropulsion System   | C4. IAF SPACE PROPULSION SYMPOSIUM   | The University of TOKYO, Graduate School of Engineering | Japan                | 01/10/2025 | 13:35-13:45 | 39     |
| Dilara       | SATIL            | 103110 | in future space missions, a food production system utilizing 3d printing technology for meat production in space environments could be developed  | A1. IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM  | Cukurova University                                     | Türkiye              | 01/10/2025 | 13:25-13:35 | 4      |
| Laszlo       | Kestay           | 103692 | Assessing Lunar Rare Earth Element (REE) Resources  | D4. 23rd IAA SYMPOSIUM ON VISIONS AND STRATEGIES FOR THE FUTURE                        | U.S. Geological Survey                                  | United States        | 01/10/2025 | 13:15-13:25 | 45     |
| Ankur        | Singhai          | 103732 | Towards High-Fidelity Earth Imaging: An integrated hardware approach to motion compensation and super resolution  | D1. IAF SPACE SYSTEMS SYMPOSIUM  | KaleidEO Space Systems Pvt. Ltd.                        | India                | 01/10/2025 | 13:15-13:25 | 42     |
| Lee          | Spitter          | 99239  | Engineering Excellence on Optical Head System Development: A leap for Lunar landings  | C1. IAF ASTRODYNAMICS SYMPOSIUM  | Macquarie University                                    | Australia            | 01/10/2025 | 13:35-13:45 | 30     |
| Kimmy        | Chang            | 95067  | Ground-Based Satellite and Star Photometry Using Gaussian Splats  | D5. 58th IAA SYMPOSIUM ON SAFETY, QUALITY AND KNOWLEDGE MANAGEMENT IN SPACE ACTIVITIES | U.S. Air Force Space Command                            | United States        | 01/10/2025 | 13:35-13:45 | 46     |
| Vishrutha    | Thyagarajan      | 103815 | Thermally Activated Deployment of Space Structures Using Graphene-Infused Shape Memory Polymer Composites   | C2. IAF MATERIALS AND STRUCTURES SYMPOSIUM   | VIT Bhopal University                                   | India                | 01/10/2025 | 12:45-12:55 | 36     |
| Joseph       | Church           | 103854 | LunarLeaper: From Simulation to Hardware for Lunar Legged Locomotion  | A3. IAF SPACE EXPLORATION SYMPOSIUM  | ETHZ  | Switzerland          | 01/10/2025 | 13:35-13:45 | 13     |
| Bernard      | Foing            | 103590 | Space Renaissance 4 All Gallery Launched with Nyx Cargo Mission Possible !  | A3. IAF SPACE EXPLORATION SYMPOSIUM  | ILEWG EuroMoonMars                                      | The Netherlands      | 01/10/2025 | 12:55-13:05 | 13     |
| Ruida        | Xie              | 99002  | Efficient low-thrust trajectory design using a multi-DNN framework  | C1. IAF ASTRODYNAMICS SYMPOSIUM  | [unlisted]  | Australia            | 01/10/2025 | 13:35-13:45 | 31     |
| Nicolò       | Trabacchin       | 95210  | Towards Effective Space Situational Awareness in Cislunar Space: Orbital Characterisation and Electro-Optical sensor design.  | A6. 23rd IAA SYMPOSIUM ON SPACE DEBRIS   | University of Padova - DIIV/CISA                        | Italy                | 01/10/2025 | 13:15-13:25 | 18     |
| Nasser       | AL Hashimi       | 97700  | Assessing Neural Network Predicted Amplitude Scintillation for Missing Autumn 2014 Data at UKM Station Using Simulation   | B2. IAF SPACE COMMUNICATIONS AND NAVIGATION SYMPOSIUM                                  | Universiti Sains Malaysia                               | Oman                 | 01/10/2025 | 12:45-12:55 | 25     |
| Anchal       | Bhupal           | 94417  | sustainable propulsion in low earth orbit: algae and seaweed based biofuels for space exploration applications  | C4. IAF SPACE PROPULSION SYMPOSIUM   | VIT Bhopal University                                   | India                | 01/10/2025 | 12:45-12:55 | 42     |
| Thejani      | Prabodha         | 103569 | A Multimodal Analogue Framework for Investigating Eating Experience Under Simulated Spaceflight Conditions  | A1. IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM  | RMIT University, Australia                              | Australia            | 01/10/2025 | 13:15-13:25 | 4      |
| Rakesh Kumar | Sahoo            | 101909 | Visual-Haptic Assisted Motion Planning for Precise Rendezvous and Docking of Satellites   | C1. IAF ASTRODYNAMICS SYMPOSIUM  | Indian Institute of Technology                          | India                | 01/10/2025 | 13:15-13:25 | 31     |
| Jarim        | Bonilla Santiago | 101715 | Space Tourism: Sustainable Apparel  | A1. IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM  | Universidad Nacional Mayor de San Marcos                | Peru                 | 01/10/2025 | 12:55-13:05 | 4      |

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|------------------|-----------------|--------|--|---|--------------------------------|----------------------|------------|-------------|--------|
| Nataly Andrea    | Rojas Barnett   | 103214 | In-situ conversion of urine into polyelectrolytic hydrogels for radiological protection and resource optimization in space environments                      | A1. IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM             | Universidad Nacional Mayor d   | Peru                 | 01/10/2025 | 13:05-13:15 | 6      |
| Anastasiya       | Liankova        | 102272 | Influence of Anatomical Variations of Vertebral Arteries on Cerebral Hemodynamics in Microgravity: A Computational Analysis                                  | A1. IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM             | [unlisted]                     | Belarus              | 01/10/2025 | 13:35-13:45 | 5      |
| Ana Fernanda     | Bermúdez Monroy | 102948 | Melanin-based radiation shielding: A bioengineered solution for space exploration  | A1. IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM             | Universidad Popular Autónom    | Mexico               | 01/10/2025 | 13:05-13:15 | 2      |
| Aagam            | Jain            | 102874 | Integrating Jain Meditation (Bhawna Yog) and Badminton for Enhancing Astronauts' Mental and Physical Well-being in Space                                     | A1. IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM             |                                | India                | 01/10/2025 | 13:05-13:15 | 5      |
| Alev             | Sönmez          | 100973 | Advancing Non-Invasive Health Monitoring: The Role of Radar Technology in astronaut health monitoring  | A1. IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM             | Fraunhofer FHR                 | Germany              | 01/10/2025 | 12:45-12:55 | 5      |
| Evelyn           | Pérez Gómez     | 98952  | Predictive device for monitoring musculoskeletal health in microgravity: integration of dynamometry and electromyography for astronauts                      | A1. IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM             | Polytechnic University of Chia | Mexico               | 01/10/2025 | 12:45-12:55 | 6      |
| Henry            | Feng            | 101098 | Biological Evolution and Space Exploration: Insights on Future Speciation and Adaptation to Extraterrestrial Environments                                    | A1. IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM             | Space Generation Advisory Co   | Australia            | 01/10/2025 | 12:45-12:55 | 3      |
| Rubiya           | Shaikh          | 96813  | Otoacoustic Emissions and Visual evoked potentials- An early detector of Spaceflight associated Neuro- ocular syndrome.                                      | A1. IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM             | Medical Sciences Student       | India                | 01/10/2025 | 12:55-13:05 | 1      |
| Rita             | Ajuh            | 95069  | Systematic review of microgravity induced alterations in Iron absorption and gut motility: implications for astronauts health and space nutrition strategies | A1. IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM             | National Space Research and    | Nigeria              | 01/10/2025 | 12:55-13:05 | 2      |
| Arjun            | Dabas           | 95155  | Deep Learning for Detecting Spaceflight-Induced Brain Changes  | A1. IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM             | Chandigarh University          | India                | 01/10/2025 | 13:25-13:35 | 5      |
| Ronak            | Madkaikar       | 98914  | Microgravity Manufacturing: Pioneering Innovations in Space  | A2. IAF MICROGRAVITY SCIENCES AND PROCESSES SYMPOSIUM | [unlisted]                     | India                | 01/10/2025 | 13:15-13:25 | 8      |
| Robayet          | Hossain         | 101989 | Lunar Small-Rover Design Reference Mission to a High Priority Scientific Site: Irregular Mare Patch  | A3. IAF SPACE EXPLORATION SYMPOSIUM                   | NASA Ames Research Center      | United States        | 01/10/2025 | 13:35-13:45 | 11     |
| SHAMBHAVI        | A S             | 102500 | Wings Over Venus: The Concept Behind V-FLARE   | A3. IAF SPACE EXPLORATION SYMPOSIUM                   | [unlisted]                     | India                | 01/10/2025 | 13:05-13:15 | 10     |
| Cadré            | Francis         | 100962 | Microgravity synthesis of laser-induced graphene   | A2. IAF MICROGRAVITY SCIENCES AND PROCESSES SYMPOSIUM | Boise State University (BSU)   | United States        | 01/10/2025 | 13:15-13:25 | 7      |
| Ahmet Berk       | Eser            | 102060 | fault-tolerant attitude and attitude estimation for lunar lander test vehicle using sensor fusion and anomaly detection                                      | A3. IAF SPACE EXPLORATION SYMPOSIUM                   | TurkUzay                       | Türkiye              | 01/10/2025 | 13:15-13:25 | 11     |
| Josselin         | Lavigne         | 101572 | Is Space the New Wild West of the 21st Century?  | A3. IAF SPACE EXPLORATION SYMPOSIUM                   | University of Adelaide         | France               | 01/10/2025 | 13:25-13:35 | 8      |
| Tsuyoshi         | Shikida         | 102166 | water demand forecasting in cislunar space using system dynamics approach  | A3. IAF SPACE EXPLORATION SYMPOSIUM                   | Keio University                | Japan                | 01/10/2025 | 12:55-13:05 | 15     |
| Pradyumna Nanda  | Vyshnav         | 102345 | From Mines to Moon: Leveraging a Decentralized Multi-Robot Autonomy Platform from Terrestrial Mineral Exploration for Lunar Resource Prospecting             | A3. IAF SPACE EXPLORATION SYMPOSIUM                   | [unlisted]                     | India                | 01/10/2025 | 13:35-13:45 | 12     |
| Arda Kağan       | Menteş          | 102630 | conceptual design of a toroidal space station for large-scale human transportation to mars   | A3. IAF SPACE EXPLORATION SYMPOSIUM                   | Cukurova University            | Türkiye              | 01/10/2025 | 13:35-13:45 | 9      |
| Louis            | Burtz           | 98987  | Design and Development of the Yaoki Rover and Results from the Lunar South Pole on IM-2  | A3. IAF SPACE EXPLORATION SYMPOSIUM                   | JAOPS                          | Japan                | 01/10/2025 | 12:45-12:55 | 11     |
| Louis            | Burtz           | 98969  | Mission Operations of the Yaoki Lunar Micro-Rover on Intuitive Machines Mission 2: Development, Surface Operations and Lessons Learned                       | A3. IAF SPACE EXPLORATION SYMPOSIUM                   | JAOPS                          | Japan                | 01/10/2025 | 12:55-13:05 | 11     |
| Georgy           | Shcheglov       | 100445 | The concept of transforming lunar lander   | A3. IAF SPACE EXPLORATION SYMPOSIUM                   | Bauman Moscow State Techn      | Russian Federation   | 01/10/2025 | 13:05-13:15 | 12     |
| Romildo Genaro   | Silva Cuadros   | 100132 | EXP 91 Aurora Mission: Assessment of Human Adaptation in a Mars Analog Environment   | A3. IAF SPACE EXPLORATION SYMPOSIUM                   | Universidad Nacional Mayor d   | Peru                 | 01/10/2025 | 13:35-13:45 | 8      |
| Yoshitoki        | Tanaka          | 99975  | evaluating the value and feasibility of lunar isru plants including power supply facilities by japanese plant engineering company.                           | A3. IAF SPACE EXPLORATION SYMPOSIUM                   | JGC Corporation                | Japan                | 01/10/2025 | 12:45-12:55 | 9      |
| Devansh          | Bhatia          | 101045 | Hydroautonomous Robotic Explorers: Self-Assembling Intelligent Submersibles  | A3. IAF SPACE EXPLORATION SYMPOSIUM                   | Indian Institute of Technology | India                | 01/10/2025 | 12:45-12:55 | 15     |
| Yiğit            | Serçeoğlu       | 101108 | validation of lunar lander test vehicle simulation using test data and results   | A3. IAF SPACE EXPLORATION SYMPOSIUM                   | TurkUzay                       | Türkiye              | 01/10/2025 | 13:05-13:15 | 11     |
| Paolo            | Guardabasso     | 98309  | MoonDB: A Data-Driven Investigation of Past, Present, and Future Lunar Missions for Sustainable Exploration  | A3. IAF SPACE EXPLORATION SYMPOSIUM                   | Exotrail                       | France               | 01/10/2025 | 13:35-13:45 | 14     |
| Sakshyam Prabhat | Adhikari        | 97913  | Mars Ceria Redox Oxygen System For In-Situ Oxygen Generation   | A3. IAF SPACE EXPLORATION SYMPOSIUM                   | Nepal Aerospace                | Nepal                | 01/10/2025 | 12:55-13:05 | 12     |
| Anish            | Kumar           | 97988  | Design and Analysis of a Martian Ascent Vehicle Carrier with a Built-in Launch-System  | A3. IAF SPACE EXPLORATION SYMPOSIUM                   | IIIT Delhi                     | India                | 01/10/2025 | 13:05-13:15 | 9      |
| Dan              | Hu              | 95550  | Analysis of the Occupation Status of Earth's Orbit by In-Orbit and Planned Satellites  | A6. 23rd IAA SYMPOSIUM ON SPACE DEBRIS                | [unlisted]                     | France               | 01/10/2025 | 13:15-13:25 | 16     |
| Mohammed         | Altamimi        | 100352 | Advancing Scientific Collaboration: A Hyperspectral Data Sharing in the Arab Satellite 813 Mission   | B1. IAF EARTH OBSERVATION SYMPOSIUM                   | The National Space Science a   | United Arab Emirates | 01/10/2025 | 13:15-13:25 | 22     |

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|----------------|-----------------|--------|---|---|---------------------------------|----------------------|------------|-------------|--------|
| Stephen        | Petrie          | 100273 | High-accuracy carbon flux mapping for agricultural land, with high spatio-temporal resolution   | B1. IAF EARTH OBSERVATION SYMPOSIUM                   | Swinburne University of Techn   | Australia            | 01/10/2025 | 12:45-12:55 | 22     |
| Jerome         | Pratlong        | 97745  | Teledyne-e2v Imaging detector technology for earth observation missions: current, in development and future technologies covering institutional and commercial segments.                    | B1. IAF EARTH OBSERVATION SYMPOSIUM                   | [unlisted]                      | United Kingdom       | 01/10/2025 | 13:05-13:15 | 21     |
| Mirvari        | Alimova         | 95724  | Operational Innovations and Strategic Pathways in Earth Observation for Sustainability  | B1. IAF EARTH OBSERVATION SYMPOSIUM                   |                                 | Italy                | 01/10/2025 | 13:25-13:35 | 21     |
| Sackdavong     | MANGKHASEUM     | 95082  | Harnessing Deep Learning Techniques and Open-source Datasets to Analyze Possible Effects of Flooding on Land-cover, Population and Critical Facilities of the Nam Ngum River Basin, Lao PDR | B1. IAF EARTH OBSERVATION SYMPOSIUM                   | Kyushu Institute of Technolog   | Japan                | 01/10/2025 | 13:25-13:35 | 22     |
| Gabriela       | Calistro Rivera | 99963  | EAGLE-1: Qualification, Calibration, and Testing of the Transmitter for Europe's First QKD System   | B2. IAF SPACE COMMUNICATIONS AND NAVIGATION SYMPOSIUM | DLR (German Aerospace Cent      | Germany              | 01/10/2025 | 13:35-13:45 | 25     |
| Yaagyanika     | Gehlot          | 102560 | Design and Evaluation of a Miniature Optical Downlink Terminal for Secure, High-Speed LEO-to-Ground Communication   | B2. IAF SPACE COMMUNICATIONS AND NAVIGATION SYMPOSIUM | [unlisted]                      | India                | 01/10/2025 | 12:45-12:55 | 24     |
| KENJI          | SHIMIZU         | 97544  | Demonstration of Terrestrial Quantum Secure Time Transfer for Satellite Applications  | B2. IAF SPACE COMMUNICATIONS AND NAVIGATION SYMPOSIUM | Commonwealth Scientific and     | Australia            | 01/10/2025 | 12:55-13:05 | 24     |
| NAHIRI         | LEILA           | 95258  | Compensating for Doppler Shift in Nanosatellite Communications: A Case Study with Real Signals  | B2. IAF SPACE COMMUNICATIONS AND NAVIGATION SYMPOSIUM | [unlisted]                      | Morocco              | 01/10/2025 | 13:05-13:15 | 25     |
| Toghrul        | Guluzade        | 96996  | blockchain for secure satellite data integrity: a decentralized approach to space communication security  | B2. IAF SPACE COMMUNICATIONS AND NAVIGATION SYMPOSIUM | ADA University                  | Azerbaijan           | 01/10/2025 | 13:05-13:15 | 24     |
| Kalia          | Crowder         | 100994 | Developing Distributed Orbit and Timing Application for Constellation Synchronization in GNSS-Denied Environments   | B2. IAF SPACE COMMUNICATIONS AND NAVIGATION SYMPOSIUM | Cambrian Works, Inc.            | United States        | 01/10/2025 | 13:05-13:15 | 23     |
| Yuan           | Zhang           | 96750  | Cooperative optical navigation for asteroid exploration   | B2. IAF SPACE COMMUNICATIONS AND NAVIGATION SYMPOSIUM | Northwestern Polytechnical U    | China                | 01/10/2025 | 13:25-13:35 | 24     |
| Mirko          | Magarotto       | 96228  | Plasma Antennas for Satellite Communications: Ongoing Activities  | B2. IAF SPACE COMMUNICATIONS AND NAVIGATION SYMPOSIUM | Università degli Studi di Padov | Italy                | 01/10/2025 | 13:25-13:35 | 25     |
| Jorge          | Rosano          | 94524  | Cube1G: a full-hemispherical, high-speed optical communication terminal for CubeSats  | B2. IAF SPACE COMMUNICATIONS AND NAVIGATION SYMPOSIUM | German Aerospace Center (DL     | Germany              | 01/10/2025 | 13:15-13:25 | 24     |
| Raymond        | Yin             | 97542  | Design Ideas and Advantages of Lunar Exoskeleton Spacesuit  | B3. IAF HUMAN SPACEFLIGHT SYMPOSIUM                   | Chengdu University of Techno    | China                | 01/10/2025 | 12:55-13:05 | 27     |
| Benjamin       | Palmer          | 95460  | SatELight: Wireless LiFi CAN Intra-Satellite Communication in a Realistic Nano-Satellite Model  | B2. IAF SPACE COMMUNICATIONS AND NAVIGATION SYMPOSIUM | Technische Universität Berlin   | Germany              | 01/10/2025 | 12:55-13:05 | 26     |
| Masashi        | Kamogawa        | 102053 | Are Preseismic Ionospheric Disturbances Precursors of Earthquakes?—Designing a CubeSat Mission for Phenomenon Verification  | B4. 32nd IAA SYMPOSIUM ON SMALL SATELLITE MISSIONS    |                                 | Japan                | 01/10/2025 | 13:35-13:45 | 28     |
| Marco          | Rigamonti       | 102683 | A fuel-efficient approach to multi-target visiting for a GEO Sentinel Satellite   | B4. 32nd IAA SYMPOSIUM ON SMALL SATELLITE MISSIONS    | Italian Air Force               | Italy                | 01/10/2025 | 12:45-12:55 | 28     |
| Rogelio        | Morales         | 94638  | In-Space Autogenous Welding of Aluminum Alloy Modular Structures for Space Infrastructure Construction  | C2. IAF MATERIALS AND STRUCTURES SYMPOSIUM            | Bolivarian Agency for Space A   | Venezuela            | 01/10/2025 | 13:15-13:25 | 35     |
| Saroj          | Kumar           | 102913 | Comparative Analysis of Nuclear Thermal and Nuclear Electric Propulsion Systems for Enhanced Space Missions   | C4. IAF SPACE PROPULSION SYMPOSIUM                    | Propulsion Research Center, I   | United States        | 01/10/2025 | 13:35-13:45 | 41     |
| Han            | Shiang-Yi       | 100110 | Quantum Space Thruster  | C4. IAF SPACE PROPULSION SYMPOSIUM                    |                                 | Taiwan, China        | 01/10/2025 | 13:35-13:45 | 40     |
| Benjamin       | Koschnick       | 97651  | Terrestrial Technology Transfer to Space, Solar Panel Development at ExtraTerrestrial Power and a Review of our Space Flight Heritage in 2025   | C3. IAF SPACE POWER SYMPOSIUM                         | UNSW Australia                  | Australia            | 01/10/2025 | 12:45-12:55 | 38     |
| Abdullah       | Algharrash      | 100283 | Green Propulsion Technologies for Sustainable Space Operation Advancements, Applications, and Future Prospects  | C4. IAF SPACE PROPULSION SYMPOSIUM                    | Space Generation Advisory Co    | Saudi Arabia         | 01/10/2025 | 13:25-13:35 | 40     |
| Victoria       | Kulikova        | 96668  | Simulation of plasma processes caused by electromagnetic field oscillations in Hall ion sources   | C4. IAF SPACE PROPULSION SYMPOSIUM                    | Bauman Moscow State Techn       | Russian Federation   | 01/10/2025 | 12:55-13:05 | 42     |
| abderrahim     | Nabi            | 103302 | modular automated test equipment for propulsion and satellite subsystems based on ni compactdaq: a low-cost data acquisition approach   | C4. IAF SPACE PROPULSION SYMPOSIUM                    | Khalifa University of Science a | United Arab Emirates | 01/10/2025 | 13:15-13:25 | 40     |
| Rene           | Gonçalves       | 95811  | Impact of Ethanol Droplet Size and Methane Addition on the Combustion Performance of Ethanol/LOx Bipropellant Systems: Insights from Reactive Molecular Dynamics Simulations                | C4. IAF SPACE PROPULSION SYMPOSIUM                    | Aeronautic Institute of Techn   | Brazil               | 01/10/2025 | 13:35-13:45 | 38     |
| Mustafa        | Turkmenoglu     | 97619  | Thermal Shroud Design for Hall-Effect Thruster Thermal Performance Verification Test  | C4. IAF SPACE PROPULSION SYMPOSIUM                    | TUBITAK Uzay, Space Technol     | Türkiye              | 01/10/2025 | 12:45-12:55 | 39     |
| Prakhar        | Jindal          | 95098  | Experimental Investigation of Green Hypergolic Propellants for Upper-Stage Propulsion: Drop Test Results and Performance Analysis   | C4. IAF SPACE PROPULSION SYMPOSIUM                    | DeIR University of Technology   | The Netherlands      | 01/10/2025 | 13:05-13:15 | 42     |
| Romildo Genaro | Silva Cuadros   | 98317  | Feasibility of a Spring-Based Sustainable Launch System for Space Exploration.  | C4. IAF SPACE PROPULSION SYMPOSIUM                    | Universidad Nacional Mayor d    | Peru                 | 01/10/2025 | 12:55-13:05 | 41     |
| Paula          | Gutierrez       | 103125 | Deep Learning and Reinforcement Learning applications for re-entry trajectory optimization  | D1. IAF SPACE SYSTEMS SYMPOSIUM                       | Imperial College London         | United Kingdom       | 01/10/2025 | 12:55-13:05 | 43     |
| Zixuan         | Zhang           | 99824  | Technology Demonstration of a Cooperative Heterogenous Robotic System for Planetary Terrain Exploration   | D1. IAF SPACE SYSTEMS SYMPOSIUM                       | Cranfield University, UK        | United Kingdom       | 01/10/2025 | 13:25-13:35 | 42     |
| Paul Murugan   | J               | 94751  | Thermo Structural Assessment of Solid Rocket Nozzle divergent aft end Assembly scheme flown in Successful Rocket Mission  | C4. IAF SPACE PROPULSION SYMPOSIUM                    | Vikram Sarabhai Space Centre    | India                | 01/10/2025 | 12:55-13:05 | 39     |

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| Francesco          | Marino         | 94305  | watercube propulsion system engineering model mait campaign and flight model design cdr  | C4. IAF SPACE PROPULSION SYMPOSIUM   | Capsule Corporation            | Italy          | 01/10/2025 | 12:45-12:55 | 41     |
| Jiaxiang           | Li             | 100921 | A Systematic Review and Meta-analysis of Optimizing Swarm Robotics Control Strategy for Space Operations   | D1. IAF SPACE SYSTEMS SYMPOSIUM  | York University                | Canada         | 01/10/2025 | 13:25-13:35 | 43     |
| Carlos Alejandro   | Martínez Núñez | 94400  | Characterization of Biopolymers for Alternative Propellants in Medium-Thrust Propulsion Systems  | C4. IAF SPACE PROPULSION SYMPOSIUM   | Administración de Sistemas A   | Mexico         | 01/10/2025 | 12:45-12:55 | 40     |
| Michael            | Lewis          | 96339  | Voyager's NEL Platform on ISS - the Nanoracks External Facility  | D1. IAF SPACE SYSTEMS SYMPOSIUM  | Voyager Space Holdings         | United States  | 01/10/2025 | 13:15-13:25 | 43     |
| Konstantinos       | Platanitis     | 103097 | MUSHROOMS: Modular Units for Spacecraft Hardware-in-the-loop Robotics Operations and Orbital Motion Simulations  | D1. IAF SPACE SYSTEMS SYMPOSIUM  | Cranfield University, UK       | United Kingdom | 01/10/2025 | 12:45-12:55 | 43     |
| Pierre             | BOAN           | 95587  | TSN Ethernet: a new step towards fully unified satellite on-board communication networks?  | D1. IAF SPACE SYSTEMS SYMPOSIUM  | CNES                           | France         | 01/10/2025 | 13:05-13:15 | 43     |
| David              | Rivera-Lopez   | 101705 | Mitigation of Reentry Blackout: Current Techniques and Future Directions   | D2. IAF SPACE TRANSPORTATION SOLUTIONS AND INNOVATIONS SYMPOSIUM                       | Universidad Nacional Mayor d   | Peru           | 01/10/2025 | 13:05-13:15 | 44     |
| Cong               | Yu             | 100480 | autonomous trajectory planning of free-floating space manipulators: a diversity-enhanced evolutionary reinforcement learning approach                                      | D1. IAF SPACE SYSTEMS SYMPOSIUM  | Tsinghua University            | China          | 01/10/2025 | 12:45-12:55 | 44     |
| Marco              | Sabatini       | 96438  | A modified proportional navigation algorithm for GEO autonomous robotic in-orbit servicing mission   | D1. IAF SPACE SYSTEMS SYMPOSIUM  | Sapienza University of Rome    | Italy          | 01/10/2025 | 13:35-13:45 | 43     |
| Xuyang             | Cao            | 97134  | Failure-Tolerant Autonomous Control Method for Spacecraft Clusters: Research and Ground-Based Parallel System Design   | D1. IAF SPACE SYSTEMS SYMPOSIUM  | Northwestern Polytechnical U   | China          | 01/10/2025 | 13:35-13:45 | 42     |
| Fidan              | Shiralizada    | 94095  | Hook to the Stars  | D4. 23rd IAA SYMPOSIUM ON VISIONS AND STRATEGIES FOR THE FUTURE                        | National Aviation Academy - A  | Azerbaijan     | 01/10/2025 | 12:45-12:55 | 46     |
| Raja               | Munusamy       | 101808 | Enhancing Spacecraft Safety: A Review of Spacecraft Control System Failures, Their Impact, and Fault-Tolerant Solutions  | D5. 58th IAA SYMPOSIUM ON SAFETY, QUALITY AND KNOWLEDGE MANAGEMENT IN SPACE ACTIVITIES | [unlisted]                     | India          | 01/10/2025 | 13:05-13:15 | 47     |
| Rashi              | Jain           | 100764 | Enhancing Resilience in Space Systems: A Functional Decomposition Approach   | D5. 58th IAA SYMPOSIUM ON SAFETY, QUALITY AND KNOWLEDGE MANAGEMENT IN SPACE ACTIVITIES | Purdue University              | United States  | 01/10/2025 | 13:35-13:45 | 47     |
| Arjun              | Dabas          | 96141  | Multi-Objective Optimization of Reentry Vehicle Design: Aerodynamics, Heat Transfer, and Structural Durability   | D2. IAF SPACE TRANSPORTATION SOLUTIONS AND INNOVATIONS SYMPOSIUM                       | Chandigarh University          | India          | 01/10/2025 | 12:45-12:55 | 45     |
| Denis              | Isaev          | 94163  | Geocosmic general planetary vehicle for near space industrialization   | D2. IAF SPACE TRANSPORTATION SOLUTIONS AND INNOVATIONS SYMPOSIUM                       | Astroengineering Technologies  | Belarus        | 01/10/2025 | 13:35-13:45 | 44     |
| Arjun              | Dabas          | 95162  | Studying the Effects of Buoyancy on a Semi-Rigid Vacuum Airship in the Martian Atmosphere  | D2. IAF SPACE TRANSPORTATION SOLUTIONS AND INNOVATIONS SYMPOSIUM                       | Chandigarh University          | India          | 01/10/2025 | 12:55-13:05 | 45     |
| Krzysztof          | Bzdyk          | 102177 | Approach to the development and operation of the Doctoral Centre for Rocketry, Research, Teaching, and Training  | E1. IAF SPACE EDUCATION AND OUTREACH SYMPOSIUM   | School of Engineering, Univer  | United Kingdom | 01/10/2025 | 12:55-13:05 | 50     |
| Kimal              | Hiralall       | 96760  | Understanding the global shift in commercialization in LEO and beyond<br>What is the use of commercialization in exploration and what roles do agencies play               | E11. IAF SYMPOSIUM ON EMERGING SPACE ECOSYSTEMS  | Commonwealth Scientific and    | Australia      | 01/10/2025 | 12:45-12:55 | 59     |
| Sima               | Moradinasab    | 94288  | armed conflicts in outer space: interaction between special regimes during international crises  | E7. ISL COLLOQUIUM ON THE LAW OF OUTER SPACE   | Shahid Beheshti University     | Iran           | 01/10/2025 | 13:25-13:35 | 58     |
| Avid               | Roman-Gonzalez | 94685  | Empowering Education: Implementing CanSat Courses for Children to Foster Early Engagement in Space Technology  | E1. IAF SPACE EDUCATION AND OUTREACH SYMPOSIUM   | Asociacion Civil Universidad d | Peru           | 01/10/2025 | 13:25-13:35 | 49     |
| Hernan             | Giannetta      | 103753 | Improving Safety System Reliability Through Autonomous Neutralization for Next-Generation Launch Vehicles  | D2. IAF SPACE TRANSPORTATION SOLUTIONS AND INNOVATIONS SYMPOSIUM                       | Avio Spa                       | Italy          | 01/10/2025 | 13:15-13:25 | 44     |
| Claire             | Wilson         | 101585 | A legal approach shaping Australian Policy for in-situ lunar mining  | E3. 38th IAA SYMPOSIUM ON SPACE POLICY, REGULATIONS AND ECONOMICS                      | Student Appearing for researc  | Australia      | 01/10/2025 | 12:55-13:05 | 52     |
| Benedetta Margreth | Cattani        | 96548  | SAFEguarding space assets: a novel method for collision risk estimation  | A6. 23rd IAA SYMPOSIUM ON SPACE DEBRIS   | Ecosmic s.r.l.                 | Italy          | 01/10/2025 | 13:25-13:35 | 16     |
| Giada              | Spinelli       | 98260  | The Italian Space Agency and the Mattei Plan: A New Frontier for Diplomacy and Global Governance in Africa   | E3. 38th IAA SYMPOSIUM ON SPACE POLICY, REGULATIONS AND ECONOMICS                      | University of Rome - Tor Verga | Italy          | 01/10/2025 | 13:15-13:25 | 52     |
| XiangYu            | Zhang          | 96906  | Research on the Design of Astronauts' Work Load Index Warning Interface Based on Multivariate Physiological Data under the Human-Building Interaction Framework            | E5. 36th IAA SYMPOSIUM ON SPACE AND SOCIETY  | Harbin Institute of Technology | China          | 01/10/2025 | 13:35-13:45 | 54     |
| Zsófia             | Biró           | 95908  | Great ambitions but lack of regulation: the challenges of regulating nuclear power sources in the light of technological developments and safety reasons in outer space    | E3. 38th IAA SYMPOSIUM ON SPACE POLICY, REGULATIONS AND ECONOMICS                      | University of Pécs and SGAC    | Hungary        | 01/10/2025 | 12:45-12:55 | 52     |
| Luisa              | Santoro        | 96063  | Trends in space policy, regulations and economics: the search for new competitiveness in Europe, from the EU to the case of Italy.   | E3. 38th IAA SYMPOSIUM ON SPACE POLICY, REGULATIONS AND ECONOMICS                      | Italian Space Agency (ASI)     | Italy          | 01/10/2025 | 13:35-13:45 | 52     |
| Ikuko              | Kuriyama       | 102037 | Explore to realize sustainable future: JAXA's SDGs strategy and initiatives for promoting innovation to solve social issues  | E5. 36th IAA SYMPOSIUM ON SPACE AND SOCIETY  | Japan Aerospace Exploration    | Japan          | 01/10/2025 | 13:15-13:25 | 54     |
| Monika             | Stankiewicz    | 99910  | Design for Lunar Regolith Architecture Repairability: Lessons learnt from preliminary parametric investigations  | E5. 36th IAA SYMPOSIUM ON SPACE AND SOCIETY  | University of Adelaide         | Australia      | 01/10/2025 | 13:35-13:45 | 53     |
| Selma              | CHERCHALI      | 100215 | Space4Ocean, an international Alliance between the space sector and marine and maritime stakeholders for the protection and sustainable use of the ocean and coastal areas | E5. 36th IAA SYMPOSIUM ON SPACE AND SOCIETY  | CNES                           | France         | 01/10/2025 | 12:45-12:55 | 54     |
| Maëlle             | Mathieu        | 95076  | Modular Interlocking Panels for Lunar Habitats   | E5. 36th IAA SYMPOSIUM ON SPACE AND SOCIETY  | Polytechnique Montreal         | Canada         | 01/10/2025 | 13:25-13:35 | 54     |

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|-----------------|----------------|--------|--|---|--------------------------------|------------------------|------------|-------------|--------|
| Daniel          | Finch          | 99865  | Detection and Tracking of Space Objects and Debris Using Passive Radar   | A6. 23rd IAA SYMPOSIUM ON SPACE DEBRIS                            | Silentium Defence              | Australia              | 01/10/2025 | 13:05-13:15 | 18     |
| Maheen          | Parbhoo        | 102114 | Establishing an African space finance lab: pioneering financial mechanisms and investment strategies for the continent's space sector                            | E6. IAF BUSINESSES AND INNOVATION SYMPOSIUM                       | The Research Institute for Inn | South Africa           | 01/10/2025 | 13:25-13:35 | 56     |
| Shuhao          | Cui            | 97790  | Contingency trajectory design for the launch-phase failure of cislunar missions  | C1. IAF ASTRODYNAMICS SYMPOSIUM                                   | School of Astronautics, Beih   | China                  | 01/10/2025 | 12:45-12:55 | 30     |
| Ayako           | Kurono         | 100688 | Emma-chan Light: A Hands-on Educational CubeSat Model with Morse Code LED Communication  | E1. IAF SPACE EDUCATION AND OUTREACH SYMPOSIUM                    | [unlisted]                     | Japan                  | 01/10/2025 | 13:15-13:25 | 49     |
| Riccardo        | Bernocchi      | 95906  | Why space companies should understand more about platform models   | E6. IAF BUSINESSES AND INNOVATION SYMPOSIUM                       | Politecnico di Milano          | Italy                  | 01/10/2025 | 13:05-13:15 | 56     |
| Jacqueline      | Reichhold      | 102317 | How space debris impacts the implementation of IHL in outer space  | E7. IISL COLLOQUIUM ON THE LAW OF OUTER SPACE                     | Institute of Air and Space Law | Germany                | 01/10/2025 | 13:25-13:35 | 57     |
| Vladimir S.     | Aslanov        | 96951  | Attitude dynamics of small satellites deorbited by an inflatable balloon   | A6. 23rd IAA SYMPOSIUM ON SPACE DEBRIS                            | Samara National Research Un    | Russian Federation     | 01/10/2025 | 12:45-12:55 | 19     |
| Connie          | Ye             | 99523  | Space-based solar power - baseload power of the future?  | E7. IISL COLLOQUIUM ON THE LAW OF OUTER SPACE                     | Herbert Smith Freehills LLP    | Singapore, Republic of | 01/10/2025 | 13:35-13:45 | 58     |
| David           | Eagleson       | 100968 | Addressing Fragmented Space Governance: Enforcing Appropriate and Evolving Standards for Space Safety  | E7. IISL COLLOQUIUM ON THE LAW OF OUTER SPACE                     | Northumbria University         | United Kingdom         | 01/10/2025 | 13:35-13:45 | 57     |
| Michael Vincent | Quispe Mendoza | 103538 | Design and Simulation of Capsule Release from Venus Orbit for Scientific Balloon Deployment  | A3. IAF SPACE EXPLORATION SYMPOSIUM                               | Moscow Aviation Institute (Na  | Russian Federation     | 01/10/2025 | 12:45-12:55 | 14     |
| One             | Mikulskyte     | 95432  | The Stability of Radioprotective Compounds in Space: A 32-Month Experiment on the International Space Station  | A1. IAF/AA SPACE LIFE SCIENCES SYMPOSIUM                          | [unlisted]                     | Lithuania              | 01/10/2025 | 12:45-12:55 | 4      |
| Zhaoyang        | Tian           | 98219  | geometrical structure design and optimization on an air-augmented solid rocket combustor   | C4. IAF SPACE PROPULSION SYMPOSIUM                                | Northwestern Polytechnical U   | China                  | 01/10/2025 | 13:15-13:25 | 39     |
| Maheen          | Parbhoo        | 102117 | Assessing and mapping space innovation ecosystems in Africa  | E11. IAF SYMPOSIUM ON EMERGING SPACE ECOSYSTEMS                   | The Research Institute for Inn | South Africa           | 01/10/2025 | 13:25-13:35 | 59     |
| Konstantinos    | Platanitis     | 103076 | A constrained task allocation-based algorithm for multi-satellite communication routing  | C1. IAF ASTRODYNAMICS SYMPOSIUM                                   | Cranfield University, UK       | United Kingdom         | 01/10/2025 | 13:25-13:35 | 33     |
| Ari             | Eisenstat      | 98928  | UN Summit of the Future Space Technology Seminar Outcomes  | E3. 38th IAA SYMPOSIUM ON SPACE POLICY, REGULATIONS AND ECONOMICS | University of Hawaii and Man   | United States          | 01/10/2025 | 13:25-13:35 | 52     |
| Gerardo         | Rodríguez      | 96033  | Food Lab: Tempcrunch   | A1. IAF/AA SPACE LIFE SCIENCES SYMPOSIUM                          | None                           | Mexico                 | 01/10/2025 | 12:45-12:55 | 1      |
| Vivek           | S              | 103785 | Ground Testing of High-Thrust Semi-Cryogenic Engine in ISRO: Mechanical Design Challenges and solutions  | C4. IAF SPACE PROPULSION SYMPOSIUM                                | Indian Space Research Organ    | India                  | 01/10/2025 | 13:15-13:25 | 38     |
| Jamara          | Green          | 103492 | Building the Ground Layer: Local Government's Role in the Future of Space Policy and Innovation  | E3. 38th IAA SYMPOSIUM ON SPACE POLICY, REGULATIONS AND ECONOMICS | [unlisted]                     | United States          | 01/10/2025 | 12:55-13:05 | 53     |
| Alex            | Chandler       | 103108 | SuperMagdrive: Next generation propulsion for larger spacecraft  | C4. IAF SPACE PROPULSION SYMPOSIUM                                | Magdrive Ltd                   | United Kingdom         | 01/10/2025 | 12:55-13:05 | 40     |
| Dona Beatrix    | Marabe         | 95338  | The Design Concept of an Ultrahaptic Glove for Extravehicular Space Suits  | B3. IAF HUMAN SPACEFLIGHT SYMPOSIUM                               | De La Salle University (DLSU)  | The Philippines        | 01/10/2025 | 13:15-13:25 | 26     |
| Florian         | Zeiger         | 100595 | Satellite Computing Networks for Data-Centric Massive Device Management  | B2. IAF SPACE COMMUNICATIONS AND NAVIGATION SYMPOSIUM             | Siemens AG                     | Germany                | 01/10/2025 | 13:35-13:45 | 24     |
| Paridhi         | Choudhary      | 97792  | Precise control of satellite rendezvous and docking maneuver using physics-informed model predictive controller  | C1. IAF ASTRODYNAMICS SYMPOSIUM                                   | Indian Institute of Technology | India                  | 01/10/2025 | 13:25-13:35 | 31     |
| Gianmarco       | Polvani        | 97282  | Implementing Agile Management in Space Robotics University Project: The ARDITO Rover Case Study  | E6. IAF BUSINESSES AND INNOVATION SYMPOSIUM                       | Politecnico di Torino          | Italy                  | 01/10/2025 | 13:25-13:35 | 55     |
| Benjamin        | Kopriva        | 103828 | Analyzing the stability and quality of service of a PNT spacecraft constellation in Areocentric orbit perturbed by gravity field harmonic and third body effects | C1. IAF ASTRODYNAMICS SYMPOSIUM                                   | University of Colorado Colora  | United States          | 01/10/2025 | 12:55-13:05 | 29     |
| Ilya            | Fukin          | 102558 | Novel Approaches to Computation of State Error Covariance Matrix for Near-Earth Objects  | A6. 23rd IAA SYMPOSIUM ON SPACE DEBRIS                            | Moscow Institute of Physics a  | Russian Federation     | 01/10/2025 | 13:05-13:15 | 17     |
| Medeni          | Soysal         | 100477 | The Historical Development of Space Activities and Globalization   | E3. 38th IAA SYMPOSIUM ON SPACE POLICY, REGULATIONS AND ECONOMICS | TUBITAK Uzay, Space Technol    | Türkiye                | 01/10/2025 | 12:45-12:55 | 53     |
| Monia           | Vadrucci       | 102432 | Diamond quantum technologies for space applications in magnetometry, geodesy: ASIF irradiation campaigns.  | D4. 23rd IAA SYMPOSIUM ON VISIONS AND STRATEGIES FOR THE FUTURE   | Italian Space Agency (ASI)     | Italy                  | 01/10/2025 | 12:55-13:05 | 46     |
| Margarita       | Herrera        | 103650 | From the Andes to Orbit: Applying Chilean Labor Standards to Space Exploration   | E3. 38th IAA SYMPOSIUM ON SPACE POLICY, REGULATIONS AND ECONOMICS |                                | Chile                  | 01/10/2025 | 13:05-13:15 | 52     |
| Lucas           | Nöller         | 100651 | AEROMULE: On-Chip Protection against Electromagnetic Interference in Space: Development and First results  | B2. IAF SPACE COMMUNICATIONS AND NAVIGATION SYMPOSIUM             | Technische Universität Dresd   | Germany                | 01/10/2025 | 13:15-13:25 | 23     |
| Pauline         | ROBLIN         | 103767 | Investigating Human Factors in Analog Astronaut Missions: How Isolation and Darkness Shape Crew Interactions and Time Perception                                 | A3. IAF SPACE EXPLORATION SYMPOSIUM                               | ENSC / IPB                     | France                 | 01/10/2025 | 12:45-12:55 | 13     |
| Sandeep         | Garg           | 103607 | Opportunities and Challenges in Free Space Optical Communication for Satellites  | B2. IAF SPACE COMMUNICATIONS AND NAVIGATION SYMPOSIUM             | Indian Space Research Organ    | India                  | 01/10/2025 | 13:15-13:25 | 25     |

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|------------------|-------------|--------|--|--|---------------------------------|----------------------|------------|-------------|--------|
| Winnie           | Tang        | 94345  | Inspiring Ethical Minds: Integrating Space Exploration Ethics into Early-Stage Education   | E1. IAF SPACE EDUCATION AND OUTREACH SYMPOSIUM   | Above Water Systems   Thales    | Australia            | 01/10/2025 | 13:15-13:25 | 50     |
| Phylis           | Makurunje   | 103826 | Effects of seeded hydrogen on zirconium alloys for thermal propulsion  | C4. IAF SPACE PROPULSION SYMPOSIUM   | Bangor University               | United Kingdom       | 01/10/2025 | 13:25-13:35 | 38     |
| ALESSANDRA       | FAVERO      | 103757 | Sweetpotato (Ipomoea batatas) and chickpeas (Cicer arietinum) experiments from NS-31 suborbital flight   | A1. IAF/AA SPACE LIFE SCIENCES SYMPOSIUM   | Brazilian Agricultural Research | Brazil               | 01/10/2025 | 13:15-13:25 | 1      |
| Pietro           | Russo       | 102946 | Analysis of Satellite Performance Requirements for Orbital Slot Maintenance  | A6. 23rd IAA SYMPOSIUM ON SPACE DEBRIS   | University of Naples Federico   | Italy                | 01/10/2025 | 12:55-13:05 | 20     |
| Masato           | Shibukawa   | 100872 | stochastic differential dynamic programming with polynomial chaos expansion for robust trajectory  | C1. IAF ASTRODYNAMICS SYMPOSIUM  | The Graduate University for Adv | Japan                | 01/10/2025 | 12:55-13:05 | 31     |
| Ryan             | Scott       | 98725  | Enabling the Future of the Space Legal Workforce   | E1. IAF SPACE EDUCATION AND OUTREACH SYMPOSIUM   | University of Florida           | United States        | 01/10/2025 | 13:35-13:45 | 48     |
| Ruth             | Stilwell    | 96219  | Developing an Orbital Classification Framework for Low Earth Orbit: Modeling Insights and Community Engagement   | A6. 23rd IAA SYMPOSIUM ON SPACE DEBRIS   | Aerospace Policy Solutions, L   | United States        | 01/10/2025 | 13:15-13:25 | 17     |
| Aldo             | Tonnini     | 100635 | Collision Risk from Spacecraft Breakups in Cislunar Space: A Case Study on the Lunar Gateway   | A6. 23rd IAA SYMPOSIUM ON SPACE DEBRIS   | ISAE-Supaero University of To   | France               | 01/10/2025 | 12:55-13:05 | 16     |
| Shengze          | Yuan        | 96764  | Motion Planning for Lunar Surface Person Tracking Robot via Flatness-Based Safe-MPC with Virtual Disturbances  | A3. IAF SPACE EXPLORATION SYMPOSIUM  | Harbin Institute of Technology  | China                | 02/10/2025 | 14:00-14:10 | 7      |
| Léonie           | Gasteiner   | 97770  | Rheological Lunar Regolith Simulants   | A3. IAF SPACE EXPLORATION SYMPOSIUM  | ISAE-Supaero University of To   | Switzerland          | 02/10/2025 | 14:40-14:50 | 8      |
| Clyde            | Webster     | 97632  | Pioneering Autonomous Earth-Bagging Construction for a Sustainable Lunar Future  | A3. IAF SPACE EXPLORATION SYMPOSIUM  | [unlisted]                      | Australia            | 02/10/2025 | 13:40-13:50 | 7      |
| Paolo            | Musso       | 100861 | Five years of SETI at the InCosmiCon Research Center   | A4. 54th IAA SYMPOSIUM ON THE SEARCH FOR EXTRATERRESTRIAL INTELLIGENCE (SETI) – The Next Steps | InCosmiCon Research Center      | Italy                | 02/10/2025 | 14:10-14:20 | 12     |
| Yasin            | Yetgin      | 103157 | sustainable lunar mining: exploration, extraction, and feasibility analyses  | A5. 28th IAA SYMPOSIUM ON HUMAN EXPLORATION OF THE SOLAR SYSTEM                                | Cukurova University             | Türkiye              | 02/10/2025 | 14:10-14:20 | 13     |
| Samiksha         | Raviraja    | 103175 | Artificial Human Evolved Intelligence vs. Naturally Evolved Biological Intelligence: Interaction between the two and Game Theory   | A4. 54th IAA SYMPOSIUM ON THE SEARCH FOR EXTRATERRESTRIAL INTELLIGENCE (SETI) – The Next Steps | Airbus Defence and Space        | United Kingdom       | 02/10/2025 | 13:30-13:40 | 12     |
| Daniel           | Ricardo     | 98993  | Vapor deposition of icy lunar regolith using the Swinburne Dusty Thermal Vacuum Chamber  | A5. 28th IAA SYMPOSIUM ON HUMAN EXPLORATION OF THE SOLAR SYSTEM                                | Swinburne University of Techn   | Australia            | 02/10/2025 | 13:30-13:40 | 14     |
| Gabriel          | Houston     | 99393  | A case study for developing a Lunar research outpost funded by commercial science operations.  | A5. 28th IAA SYMPOSIUM ON HUMAN EXPLORATION OF THE SOLAR SYSTEM                                | Colorado School of Mines        | United States        | 02/10/2025 | 13:40-13:50 | 13     |
| Rodrigo Martinez | Chavez      | 101695 | Design Proposal for an Analog Research Station in the Pampas de la Joya Desert, Peru   | A5. 28th IAA SYMPOSIUM ON HUMAN EXPLORATION OF THE SOLAR SYSTEM                                | Universidad Nacional Mayor d    | Peru                 | 02/10/2025 | 14:20-14:30 | 13     |
| Yizhuang         | Zhang       | 99485  | a teleoperation planetary surface walking robot based on force feedback human-robot interaction system   | A5. 28th IAA SYMPOSIUM ON HUMAN EXPLORATION OF THE SOLAR SYSTEM                                | China Aerospace Science and     | China                | 02/10/2025 | 14:20-14:30 | 14     |
| Saira            | O. Williams | 103070 | Neuromorphic AI for Autonomous Spacecraft: A Low-Power Alternative for Real-Time Decision-Making in Deep Space Missions  | A5. 28th IAA SYMPOSIUM ON HUMAN EXPLORATION OF THE SOLAR SYSTEM                                | Independent Researcher          | Costa Rica           | 02/10/2025 | 13:50-14:00 | 14     |
| Yuying           | Liang       | 95868  | Reconstruction of Lunar Gravity Anomalies and Heterogeneous Density Distribution based on Optical Guidance Information   | A5. 28th IAA SYMPOSIUM ON HUMAN EXPLORATION OF THE SOLAR SYSTEM                                | Beihang University (BUAA)       | China                | 02/10/2025 | 13:40-13:50 | 14     |
| Wala             | Mahmoud     | 102000 | Tuna Can Standard Deorbit System: A Cost-Effective Solution for CubeSat End-of-Life Disposal   | A6. 23rd IAA SYMPOSIUM ON SPACE DEBRIS   | [unlisted]                      | Egypt                | 02/10/2025 | 14:40-14:50 | 15     |
| Iniya            | Pragati     | 98486  | "Sustainable Hydroponic Farming for Long Duration Space Missions: Results from the Analog Astronaut Training Center, Europe - an Isolated Lunar Habitat Simulation           | A5. 28th IAA SYMPOSIUM ON HUMAN EXPLORATION OF THE SOLAR SYSTEM                                |                                 | India                | 02/10/2025 | 14:40-14:50 | 13     |
| Eleonore         | Poli        | 94586  | Transformation and adaptation of a habitat for parastronauts : a parastronaut feasibility study on an existing space analogue habitat and its implications for Mars habitats | A5. 28th IAA SYMPOSIUM ON HUMAN EXPLORATION OF THE SOLAR SYSTEM                                | Centre Suisse d'Electronique    | Switzerland          | 02/10/2025 | 14:40-14:50 | 14     |
| Erik             | Seedhouse   | 94065  | Charting the Unknown: Applying Amundsen's Antarctic Masterclass to Mars Exploration  | A5. 28th IAA SYMPOSIUM ON HUMAN EXPLORATION OF THE SOLAR SYSTEM                                | Embry-Riddle Aeronautical Un    | United States        | 02/10/2025 | 14:30-14:40 | 13     |
| Arjun            | Dabas       | 95166  | Engineering a Habitable Dome For Venusian Atmosphere Colonisation  | A5. 28th IAA SYMPOSIUM ON HUMAN EXPLORATION OF THE SOLAR SYSTEM                                | Chandigarh University           | India                | 02/10/2025 | 14:10-14:20 | 14     |
| Stefan           | Lobas       | 97911  | LISA-ODISEE: A CubeSat compatible and hyper-redundant robot for In-Orbit Inspection, Servicing and Assembly  | A6. 23rd IAA SYMPOSIUM ON SPACE DEBRIS   | Technische Universität Berlin   | Germany              | 02/10/2025 | 14:00-14:10 | 15     |
| Julian           | Guinane     | 99300  | Star Trackers as Dual-Use Sensors: Optimisation for Simultaneous Resident Space Object Detection and Attitude Determination  | A6. 23rd IAA SYMPOSIUM ON SPACE DEBRIS   | The University of Sydney        | Australia            | 02/10/2025 | 13:40-13:50 | 16     |
| Keijiro          | Hattori     | 96851  | Practical origin identification of on-orbit satellite fragmentation from in-situ sub-millimeter-sized debris measurements  | A6. 23rd IAA SYMPOSIUM ON SPACE DEBRIS   | Kyushu University               | Japan                | 02/10/2025 | 13:40-13:50 | 17     |
| Atilla           | Muradli     | 101810 | Orbital Characteristics of Periodic Comets: Orbital Period, Inclination, and Semi-Major Axis Distribution  | A7. IAF SYMPOSIUM ON ONGOING AND NEAR FUTURE SPACE ASTRONOMY AND SOLAR-SYSTEM SCIENCE MISSIONS | Garabagh University             | Azerbaijan           | 02/10/2025 | 13:30-13:40 | 20     |
| Henri            | Roviera     | 101503 | microlensing searches for exoplanets   | A7. IAF SYMPOSIUM ON ONGOING AND NEAR FUTURE SPACE ASTRONOMY AND SOLAR-SYSTEM SCIENCE MISSIONS | International Space University  | France               | 02/10/2025 | 14:10-14:20 | 19     |
| Mohammed         | Altamimi    | 100378 | Systematic Integration of Sat813 Spacecraft Subsystems: A Comprehensive Overview of Design and Integration   | B4. 32nd IAA SYMPOSIUM ON SMALL SATELLITE MISSIONS   | The National Space Science a    | United Arab Emirates | 02/10/2025 | 13:30-13:40 | 27     |



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|--------------|------------------|--------|---|--|---------------------------------|--------------------|------------|-------------|--------|
| Cai          | Yingkai          | 96203  | Intelligent Optimization Algorithm for the Payload Layout of Small Space Debris Removal Satellites Considering Multiple Constraints   | B4. 32nd IAA SYMPOSIUM ON SMALL SATELLITE MISSIONS                                     | Beijing Institute of Spacecraft | China              | 02/10/2025 | 13:50-14:00 | 26     |
| Ryusei       | Komatsu          | 100849 | Real-time Atmospheric Drag Estimation for Distributed Space Systems via Inter-Satellite Communication   | B4. 32nd IAA SYMPOSIUM ON SMALL SATELLITE MISSIONS                                     | Interstellar Technologies Inc.  | Japan              | 02/10/2025 | 13:40-13:50 | 27     |
| DAVE         | FURTADO          | 102224 | Synergising the Data-Driven Digital Twin (D3T): Predicting the Remaining Useful Life (RUL) of Spacecraft Battery Modules  | B5. IAF SYMPOSIUM ON INTEGRATED APPLICATIONS   | University of New South Wales   | Australia          | 02/10/2025 | 14:20-14:30 | 28     |
| Howard       | Hall             | 101173 | Interstellar small satellite study with insertion into an exoplanet atmosphere to perform composition analysis  | B4. 32nd IAA SYMPOSIUM ON SMALL SATELLITE MISSIONS                                     | University of Southern Califor  | United States      | 02/10/2025 | 13:30-13:40 | 28     |
| Leman        | Safarli          | 103274 | Advanced Rocket Simulation and Mission Prediction Platform  | B5. IAF SYMPOSIUM ON INTEGRATED APPLICATIONS   | Baku Engineering University     | Azerbaijan         | 02/10/2025 | 14:10-14:20 | 28     |
| Bextiyar     | Novruzov         | 96667  | The Analysis of Space Data and Innovative Solutions with Big Data and Data Science Methods: Discovery of the Secrets of the Universe and Applications for Sustainable Living on the Earth | B5. IAF SYMPOSIUM ON INTEGRATED APPLICATIONS   | Baku State University           | Azerbaijan         | 02/10/2025 | 13:40-13:50 | 29     |
| Axel         | Núñez Arzola     | 94267  | Ehecatt: Environmental Monitoring Network Using IoT and AI to Forecast Air Quality Using Remote Sensing.  | B5. IAF SYMPOSIUM ON INTEGRATED APPLICATIONS   | Facultad de Ingeniería-UNAM     | Mexico             | 02/10/2025 | 13:30-13:40 | 29     |
| Babagana     | BABAGANA         | 94032  | Space Data Applications in Mitigating Environmental Degradation and Related disasters in the Sahel Region of Africa   | B5. IAF SYMPOSIUM ON INTEGRATED APPLICATIONS   | KANURI DEVELOPMENT ASSO         | Nigeria            | 02/10/2025 | 14:30-14:40 | 28     |
| Youhua       | Ye               | 96949  | Low-cost Standardized CubeSat Platform for Biomedical Experiments   | B4. 32nd IAA SYMPOSIUM ON SMALL SATELLITE MISSIONS                                     | CAS Space                       | China              | 02/10/2025 | 14:00-14:10 | 26     |
| SAIAH        | BEKKAR DJELLOUL  | 102154 | analyzing weather impact on signal quality of s band ground station   | B6. IAF SPACE OPERATIONS SYMPOSIUM   | Agence Spatiale Algérienne (A   | Algeria            | 02/10/2025 | 14:00-14:10 | 30     |
| Alexandr     | Sein             | 102438 | A Space Robotics Design Challenge in a High-Fidelity Virtual Environment  | B6. IAF SPACE OPERATIONS SYMPOSIUM   | Texas A&M University            | United States      | 02/10/2025 | 13:50-14:00 | 29     |
| Harrison     | Steyn            | 99071  | Scalable Multi-Type, Multi-Satellite Scheduling for Heterogeneous Constellations  | B6. IAF SPACE OPERATIONS SYMPOSIUM   | [unlisted]                      | Australia          | 02/10/2025 | 14:00-14:10 | 29     |
| fei          | teng             | 98108  | Study on Enhancement of Transmission Performance of Low Orbit Satellite Internet Star-ground Link Based on Hybrid PSO-SA  | B5. IAF SYMPOSIUM ON INTEGRATED APPLICATIONS   | Harbin Institute of Technology  | China              | 02/10/2025 | 14:40-14:50 | 28     |
| Khadija      | Huseynli         | 97917  | Prevention of Pollution in the Caspian Sea and Its Major Inflowing Rivers Using SAR Technology  | B5. IAF SYMPOSIUM ON INTEGRATED APPLICATIONS   | Azerbaijan State Oil and Indus  | Azerbaijan         | 02/10/2025 | 13:50-14:00 | 28     |
| Javier       | Maldonado-Romo   | 94556  | Agentic AI workflow analysis for a robotic debris removal mission   | B6. IAF SPACE OPERATIONS SYMPOSIUM   | TECNOLOGICO DE MONTEBB          | Mexico             | 02/10/2025 | 13:30-13:40 | 30     |
| Michael      | Lewis            | 102470 | Voyager's 'Nanoracks External Laboratory (NEL)' - The next generation payload hosting platform on the ISS   | B6. IAF SPACE OPERATIONS SYMPOSIUM   | Voyager Space Holdings          | United States      | 02/10/2025 | 14:10-14:20 | 29     |
| Stefan-Vlad  | Tudor            | 103334 | Automating Ka-Band Ground Segment Resource Management for LEO Satellites: Enhancing Communication Robustness and Addressing Challenges  | B6. IAF SPACE OPERATIONS SYMPOSIUM   | Leaf Space S.p.A.               | Italy              | 02/10/2025 | 14:20-14:30 | 29     |
| Sam          | Hall             | 100232 | Satellite Parametric Analysis Computing Environment (SPACE) - a rapid orbital AI validation platform.   | B6. IAF SPACE OPERATIONS SYMPOSIUM   | Swinburne University of Techn   | Australia          | 02/10/2025 | 14:30-14:40 | 29     |
| Rameez Ahmed | Malik            | 102062 | Multi-Objective Optimization of Lunar Navigation Satellite System using Genetic Algorithm   | C1. IAF ASTRODYNAMICS SYMPOSIUM  | University of New South Wales   | Australia          | 02/10/2025 | 13:30-13:40 | 31     |
| Jikai        | Wang             | 100428 | A Fast Evaluation Method for Spacecraft Low-Thrust Collision Avoidance Maneuvers Based on Differential Algebra  | C1. IAF ASTRODYNAMICS SYMPOSIUM  | School of Astronautics, Beih    | China              | 02/10/2025 | 14:00-14:10 | 31     |
| Ming         | Xu               | 97511  | Orbit Maintenance Strategy Integrated with Power Management for Ultra-low Earth Orbit Satellites  | C1. IAF ASTRODYNAMICS SYMPOSIUM  | School of Astronautics, Beih    | China              | 02/10/2025 | 14:30-14:40 | 31     |
| Alejandro    | Hernandez Gonzal | 100846 | Biomimetic Aerodynamic Enhancements and AI Integration for Rocket Vehicle Performance   | C2. IAF MATERIALS AND STRUCTURES SYMPOSIUM   | Technische Universität Münch    | Mexico             | 02/10/2025 | 14:20-14:30 | 32     |
| Tafsir       | Tafsirojaman     | 99185  | Analytical behaviour of Regolith-Resin-Composite (RRC) Material for Lunar Construction  | C2. IAF MATERIALS AND STRUCTURES SYMPOSIUM   | The University of Adelaide      | Australia          | 02/10/2025 | 14:00-14:10 | 34     |
| Erick Villa  | Okeyo            | 94273  | Advancing Space Exploration through Technology: The Kenyan Perspective  | D3. 23rd IAA SYMPOSIUM ON BUILDING BLOCKS FOR FUTURE SPACE EXPLORATION AND DEVELOPMENT | Kenya Space Agency (KSA)        | Kenya              | 02/10/2025 | 14:40-14:50 | 42     |
| Erik         | Kulu             | 95585  | In-Space Economy in 2025 – Analysis and Deep Dives into In-Space Transportation and Reentry Vehicles  | D3. 23rd IAA SYMPOSIUM ON BUILDING BLOCKS FOR FUTURE SPACE EXPLORATION AND DEVELOPMENT |                                 | Estonia            | 02/10/2025 | 13:30-13:40 | 42     |
| Ari          | Eisenstat        | 98915  | Transformational Astrofutures Workshop  | D4. 23rd IAA SYMPOSIUM ON VISIONS AND STRATEGIES FOR THE FUTURE                        | University of Hawaii and Man    | United States      | 02/10/2025 | 13:40-13:50 | 44     |
| Raja         | Munusamy         | 101809 | Advanced Fault-Tolerant Spacecraft Flight Control Systems: A Comparative Analysis of Adaptive and Nonlinear Control Techniques  | D6. IAF SYMPOSIUM ON COMMERCIAL SPACEFLIGHT SAFETY ISSUES                              | [unlisted]                      | India              | 02/10/2025 | 13:40-13:50 | 47     |
| Sungwoo      | Park             | 99753  | cosmos :integrated platform for sustainable space traffic management  | D6. IAF SYMPOSIUM ON COMMERCIAL SPACEFLIGHT SAFETY ISSUES                              | UZURO Tech Inc..                | Korea, Republic of | 02/10/2025 | 14:00-14:10 | 46     |
| Theodore     | Tagami           | 102760 | Seeds of Discovery: ExoLab's Global Inquiry Pedagogy Connecting K-12 Students with Space Research   | E1. IAF SPACE EDUCATION AND OUTREACH SYMPOSIUM   | Magnitude.io                    | United States      | 02/10/2025 | 13:50-14:00 | 48     |
| Peter        | Moar             | 99095  | Vision and Strategy for ensuring a capable and competent Australian Space Industrial Ecosystem'   | E11. IAF SYMPOSIUM ON EMERGING SPACE ECOSYSTEMS  | Swinburne University of Techn   | Australia          | 02/10/2025 | 13:40-13:50 | 58     |
| Alejandro    | Hernandez Gonzal | 100832 | Implementation of Winglet Structures in High-Power Experimental Rockets for the National Meeting of Space Research and Experimentation (ENMICE) Competition.                              | E2. 53rd IAF STUDENT CONFERENCE  | Technische Universität Münch    | Mexico             | 02/10/2025 | 13:50-14:00 | 50     |

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|-----------------|-----------------|--------|--|--|--------------------------------|--------------------|------------|-------------|--------|
| Lucas           | Mitidieri       | 95242  | development of a 3u cubesat satellite dispenser through additive manufacturing in neuquén, argentina   | E2. 53rd IAF STUDENT CONFERENCE  |                                | Argentina          | 02/10/2025 | 14:40-14:50 | 50     |
| Michael         | Castle Miller   | 101270 | The Lunar Development Cooperative: A Transnational Framework for a Sustainable Lunar Economy   | E3. 38th IAA SYMPOSIUM ON SPACE POLICY, REGULATIONS AND ECONOMICS                              |                                | United States      | 02/10/2025 | 14:20-14:30 | 51     |
| Elizabeth       | Cole            | 101216 | Offworld.Voyage: A space analog research project focusing on ecological sustainability & closed loop systems   | E5. 36th IAA SYMPOSIUM ON SPACE AND SOCIETY  | [unlisted]                     | United States      | 02/10/2025 | 14:30-14:40 | 53     |
| Abir            | Belkhair        | 97958  | HAPTILE – Haptic Assisted Performance for Tactile Interaction in Lunar EVAs  | E5. 36th IAA SYMPOSIUM ON SPACE AND SOCIETY  | Asclepios                      | France             | 02/10/2025 | 14:40-14:50 | 53     |
| Murad           | Hajizada        | 97730  | mars for humans: biological, social and economic challenges for the first colonists  | E5. 36th IAA SYMPOSIUM ON SPACE AND SOCIETY  | Azerbaijan Architecture and C  | Azerbaijan         | 02/10/2025 | 14:00-14:10 | 54     |
| Harry           | Espiloy         | 94546  | Star Analog Navigation Device (SAND): A Low-Tech Back-Up Navigation System For Future Lunar Missions   | E5. 36th IAA SYMPOSIUM ON SPACE AND SOCIETY  | University of Houston          | United States      | 02/10/2025 | 14:20-14:30 | 53     |
| ANA LUCIA       | PEGETTI         | 101653 | Establishment of a communication protocol with brazilian government agencies for disaster management caused by potentially harzadous objects from space: a small step towards a planetary defense initiative | E10. IAF SYMPOSIUM ON PLANETARY DEFENSE AND NEAR-EARTH OBJECTS                                 | ITA-CTA                        | Brazil             | 02/10/2025 | 13:40-13:50 | 57     |
| Shinji          | Horiuchi        | 101131 | Southern Hemisphere Asteroid Radar Program (SHARP)   | E10. IAF SYMPOSIUM ON PLANETARY DEFENSE AND NEAR-EARTH OBJECTS                                 | CSIRO                          | Australia          | 02/10/2025 | 13:50-14:00 | 57     |
| Kenza           | Tarek           | 103189 | No-Fault Liability Insurance: A Market-Driven Solution for Risk and Investment Stability in Space  | E6. IAF BUSINESSES AND INNOVATION SYMPOSIUM  | Concordia University           | Canada             | 02/10/2025 | 14:40-14:50 | 55     |
| Denis Michael   | Acker           | 94982  | The Lunar-MagWay: Phase 0/A Study of a sustainable high-speed transportation system for Lunar Infrastructures  | D3. 23rd IAA SYMPOSIUM ON BUILDING BLOCKS FOR FUTURE SPACE EXPLORATION AND DEVELOPMENT         | Institute of Space Systems, U  | Germany            | 02/10/2025 | 14:00-14:10 | 42     |
| Yun             | Xu              | 96497  | Modelling and analysis of local toroidal coordinates for large-range quasi-periodic relative motion within mega constellation satellites   | C1. IAF ASTRODYNAMICS SYMPOSIUM  | [unlisted]                     | China              | 02/10/2025 | 13:50-14:00 | 31     |
| Ellie           | Fox             | 102255 | Earth's first encounter. Will making contact strengthen humanity or cause more harm than good, and if so, who makes the first move?  | A4. 54th IAA SYMPOSIUM ON THE SEARCH FOR EXTRATERRESTRIAL INTELLIGENCE (SETI) – The Next Steps | Student                        | Australia          | 02/10/2025 | 14:00-14:10 | 12     |
| Celia           | Chavez Virgen   | 94525  | A Data-Driven Approach to Inclusion in Space and STEAM: Women and Indigenous Representation in Tlaxcala, Mexico  | E1. IAF SPACE EDUCATION AND OUTREACH SYMPOSIUM   | Instituto Politécnico Nacional | Mexico             | 02/10/2025 | 13:30-13:40 | 48     |
| Katia           | Bourahmoune     | 103777 | Towards Embodied Robotic Coaching for Skill Training in Spaceflight  | A5. 28th IAA SYMPOSIUM ON HUMAN EXPLORATION OF THE SOLAR SYSTEM                                | University of Technology Sydn  | Australia          | 02/10/2025 | 14:00-14:10 | 14     |
| Hui             | Liu             | 103721 | Study on the Influence of Different Methane Injection Strategies on the Combustion Characteristics of RBCC Engines   | C4. IAF SPACE PROPULSION SYMPOSIUM   | Northwestern Polytechnical U   | China              | 02/10/2025 | 13:30-13:40 | 39     |
| Ekaterina       | Faber           | 103784 | The Role of Open Source for Lunar Base 2042: Pathway to Global Interoperability  | D4. 23rd IAA SYMPOSIUM ON VISIONS AND STRATEGIES FOR THE FUTURE                                | Moscow Institute of Electroni  | Russian Federation | 02/10/2025 | 13:30-13:40 | 44     |
| Zongfu          | Luo             | 102006 | Risk Analyses of Mega-Constellations based on Percolation Theory   | D5. 58th IAA SYMPOSIUM ON SAFETY, QUALITY AND KNOWLEDGE MANAGEMENT IN SPACE ACTIVITIES         | Sun Yat-sen University (Guang  | China              | 02/10/2025 | 13:30-13:40 | 45     |
| Marco           | Fabiani         | 98117  | Reduced-order Models for Radiative Heat Loads Estimation in Liquid Rocket Engines  | C4. IAF SPACE PROPULSION SYMPOSIUM   | Sapienza University of Rome    | Italy              | 02/10/2025 | 14:30-14:40 | 36     |
| Michael         | Halvorson       | 96719  | The Ontological Characterization of System Resilience, Reliability, Robustness, and Anti-Fragility for Use in Socio-Technical Systems  | D1. IAF SPACE SYSTEMS SYMPOSIUM  | University of Alabama in Hunt  | United States      | 02/10/2025 | 14:20-14:30 | 39     |
| Khadija         | Bayramova       | 100154 | the role of consciousness in defining reality: a philosophical and scientific inquiry  | A4. 54th IAA SYMPOSIUM ON THE SEARCH FOR EXTRATERRESTRIAL INTELLIGENCE (SETI) – The Next Steps | Garabagh University            | Azerbaijan         | 02/10/2025 | 14:30-14:40 | 11     |
| Johanna         | Chevalier       | 103760 | Field Spectrometer Measurements in Analogue Space Environments: Bridging Human Factors, Astrobiology, and Planetology  | A5. 28th IAA SYMPOSIUM ON HUMAN EXPLORATION OF THE SOLAR SYSTEM                                | Université de Rennes           | France             | 02/10/2025 | 13:30-13:40 | 13     |
| Andrea Jimmy    | Pacursa         | 102631 | high-resolution imaging in vle0: preliminary mission analysis and gnc design for the horus mission   | C1. IAF ASTRODYNAMICS SYMPOSIUM  | Politecnico di Milano          | Italy              | 02/10/2025 | 14:40-14:50 | 31     |
| Jian            | Kang            | 95861  | Application of Systems Engineering Innovation in the GNC Technology of the Controlled Recovery for a Reusable Launcher   | D2. IAF SPACE TRANSPORTATION SOLUTIONS AND INNOVATIONS SYMPOSIUM                               | LandSpace Technology Corps     | China              | 02/10/2025 | 14:30-14:40 | 40     |
| Sebastian       | Tello Adame     | 97394  | The role of satellite constellations in global digitalization: Challenges and opportunities for a connected society  | E9. IAF SYMPOSIUM ON SECURITY, STABILITY AND SUSTAINABILITY OF SPACE ACTIVITIES                | Instituto Politécnico Nacional | Mexico             | 02/10/2025 | 13:40-13:50 | 56     |
| Bruno           | Nunes Vaz       | 93989  | Fostering a Sustainable Space Ecosystem in Brazil: Insights from Military and Commercial Integration   | E11. IAF SYMPOSIUM ON EMERGING SPACE ECOSYSTEMS  | Instituto Tecnológico de Aero  | Brazil             | 02/10/2025 | 13:30-13:40 | 59     |
| Gordon          | Carroll         | 94824  | Positive Spin: Spectroscopic Analysis of Ibuprofen Degradation due to Heavy Ionising Radiation Exposure and its Impact on Pharmaceutical Viability in Future Space Exploration and Habitation                | A1. IAF/AAA SPACE LIFE SCIENCES SYMPOSIUM  | Astraea Technologies           | Australia          | 02/10/2025 | 13:50-14:00 | 1      |
| Charlotte       | Houser          | 98627  | sos! save our satellite: a space debris remediation architecture for low earth orbit   | E9. IAF SYMPOSIUM ON SECURITY, STABILITY AND SUSTAINABILITY OF SPACE ACTIVITIES                | Voyager Space Holdings         | United States      | 02/10/2025 | 13:30-13:40 | 57     |
| Rivaldo Carlos  | Duran-Aquino    | 101724 | The Current State of Analog Astronauts: Demographics, Missions, and Career Outcomes  | A1. IAF/AAA SPACE LIFE SCIENCES SYMPOSIUM  | Universidad Nacional Mayor d   | Peru               | 02/10/2025 | 14:20-14:30 | 2      |
| Ana Fernanda    | Bermúdez Monroy | 102904 | Microbial resilience in space: Engineering probiotics for astronaut health.  | A1. IAF/AAA SPACE LIFE SCIENCES SYMPOSIUM  | Universidad Popular Autónoma   | Mexico             | 02/10/2025 | 14:00-14:10 | 1      |
| Ariadna Celeste | Pillaca Llanos  | 103102 | Exploring the Physiological and Psychological Advantages of Andean Populations in Astronaut Selection for Sustainable Missions   | A1. IAF/AAA SPACE LIFE SCIENCES SYMPOSIUM  | Universidad Nacional Mayor d   | Peru               | 02/10/2025 | 14:10-14:20 | 2      |
| Eugene          | Li              | 102978 | Quantum Neurotechnology for Astronaut Brain Health: Advancing Cognitive Monitoring and Adaptation in Spaceflight   | A1. IAF/AAA SPACE LIFE SCIENCES SYMPOSIUM  | Commonwealth Scientific and    | Australia          | 02/10/2025 | 13:30-13:40 | 3      |

| First         | Last              | Id     | Title   | Symposium  | Company   | Country            | Date       | Time        | Screen |
|---------------|-------------------|--------|---|--|---|--------------------|------------|-------------|--------|
| Maiko         | Kato              | 100943 | Methods for Plant Cultivation in Space: Examination of Plant Growth in Microgravity Environments and Associated Challenges  | A1. IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM  |   | Japan              | 02/10/2025 | 14:00-14:10 | 3      |
| Barnabás      | Pásztor           | 98359  | Exploring the Impact of Low Earth Orbit Conditions on Human DNA: A Nutrigenetic Perspective related to human spaceflights   | A1. IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM  | [unlisted]  | Hungary            | 02/10/2025 | 13:30-13:40 | 1      |
| BVS           | Madhavi           | 96273  | Olfactory Odyssey: Cognitive Consequences in Zero-G   | A1. IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM  | Indian Institute of Technology                                  | India              | 02/10/2025 | 13:50-14:00 | 3      |
| Ruth          | Bunford           | 96747  | Enhancing Gravity-Loading and Mobility in Countermeasure Suits: A Multi-Panel Patternmaking Approach for IVA Applications.  | A1. IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM  | RMIT University, Australia                                      | Australia          | 02/10/2025 | 13:40-13:50 | 1      |
| Devshi        | Perera            | 100626 | Investigating the Effects of Centrifugal Forces on the Porosity of Solder Joints Formed in Microgravity   | A2. IAF MICROGRAVITY SCIENCES AND PROCESSES SYMPOSIUM  | University of Waterloo  | Canada             | 02/10/2025 | 14:00-14:10 | 5      |
| Binquan       | Zhang             | 95665  | Operations of the Space Radiobiological Exposure Facility onboard the China Space Station   | A1. IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM  | National Space Science Centre                                   | China              | 02/10/2025 | 14:40-14:50 | 4      |
| Avid          | Roman-Gonzalez    | 94575  | Random Motion Machine for the Simulation of Microgravity Conditions and its Applications in Space Technology  | A2. IAF MICROGRAVITY SCIENCES AND PROCESSES SYMPOSIUM  | Asociacion Civil Universidad de                                 | Peru               | 02/10/2025 | 14:20-14:30 | 5      |
| Athena        | Coustenis         | 102290 | The complex atmosphere of Titan from ground-based and space observations and future missions  | A3. IAF SPACE EXPLORATION SYMPOSIUM  | Observatoire de Paris   | France             | 02/10/2025 | 14:00-14:10 | 10     |
| Giovanni      | Zanotti           | 102220 | The role of ground segment as a service in supporting lunar exploration   | A3. IAF SPACE EXPLORATION SYMPOSIUM  | Leaf Space S.p.A.   | Italy              | 02/10/2025 | 13:30-13:40 | 10     |
| Yanyan        | Zhao              | 98161  | Effects of Gravity and Vacuum Conditions on Properties of 3D Printed Parts by Fused Deposition Modeling   | A2. IAF MICROGRAVITY SCIENCES AND PROCESSES SYMPOSIUM  | York University   | Canada             | 02/10/2025 | 14:10-14:20 | 5      |
| Nathan        | Widdup            | 101454 | Bio-Inspired Flight for Martian Exploration   | A3. IAF SPACE EXPLORATION SYMPOSIUM  | University of New South Wales                                   | Australia          | 02/10/2025 | 13:30-13:40 | 7      |
| Arda Kağan    | Menteş            | 103079 | super-efficient unmanned agriculture for lunar colonization   | A3. IAF SPACE EXPLORATION SYMPOSIUM  | Cukurova University   | Türkiye            | 02/10/2025 | 14:20-14:30 | 11     |
| Jesus         | Camacho           | 102927 | Development and Characterization of MUCUNDU-01: A Novel Martian Regolith Simulant Derived from Venezuelan Rocks   | A3. IAF SPACE EXPLORATION SYMPOSIUM  | Bolivarian Agency for Space Activities                          | Venezuela          | 02/10/2025 | 14:00-14:10 | 9      |
| Victor        | Leonov            | 98790  | Analysis of Approaches to Ensure Reusability of Heat Shielding of Cargo Descent Vehicles Returning from the Moon  | A3. IAF SPACE EXPLORATION SYMPOSIUM  | Bauman Moscow State Technical University                        | Russian Federation | 02/10/2025 | 13:30-13:40 | 9      |
| Juan Salvador | Palacios Bett     | 99671  | Innovative Deployment and Optimization of Lunar Femtosatellite Swarms for Advanced Space Weather Monitoring   | A3. IAF SPACE EXPLORATION SYMPOSIUM  | Universidad Nacional de Ingeniería                              | Peru               | 02/10/2025 | 14:30-14:40 | 7      |
| Atharva       | Pawar             | 100471 | sample return missions to hygiea: a strategic resource hub for deep space exploration and human presence beyond earth   | A3. IAF SPACE EXPLORATION SYMPOSIUM  | Larsen & Toubro Ltd.  | India              | 02/10/2025 | 13:30-13:40 | 8      |
| Gagana        | Y                 | 98063  | Lunar Vitalis: Unlocking Resources for Sustained Exploration  | A3. IAF SPACE EXPLORATION SYMPOSIUM  | R V College of Engineering, Bangalore                           | India              | 02/10/2025 | 14:20-14:30 | 8      |
| Deepanshu     | Mathur            | 101379 | Study of Stellar Activity and Stellar Cycle of M-Dwarf host stars using K2 and TESS Observations  | A7. IAF SYMPOSIUM ON ONGOING AND NEAR FUTURE SPACE ASTRONOMY AND SOLAR-SYSTEM SCIENCE MISSIONS | Deep Space Initiative   | India              | 02/10/2025 | 13:40-13:50 | 19     |
| Carla         | Sharpe (Mitchell) | 101854 | Africa FIRST is a continent-wide data-sharing project, with purpose-built green infrastructure for the provision, storage and processing of data for decision-making on critical issues such as climate change. | B1. IAF EARTH OBSERVATION SYMPOSIUM  | SKA South Africa  | South Africa       | 02/10/2025 | 14:10-14:20 | 20     |
| Vera          | Mayorova          | 100081 | Concept of a space telescope with a petal-shaped coronagraph for exoplanet studies  | A7. IAF SYMPOSIUM ON ONGOING AND NEAR FUTURE SPACE ASTRONOMY AND SOLAR-SYSTEM SCIENCE MISSIONS | Bauman Moscow State Technical University                        | Russian Federation | 02/10/2025 | 13:50-14:00 | 19     |
| Pretha        | Sur               | 100372 | lightweight onboard realtime ship detection in sar imagery using an adjusted nanodetplus framework  | B1. IAF EARTH OBSERVATION SYMPOSIUM  | Deakin University   | Australia          | 02/10/2025 | 14:20-14:30 | 21     |
| Anonnya       | Ghosh             | 101115 | A Review of Class-Incremental Learning for SAR Data   | B1. IAF EARTH OBSERVATION SYMPOSIUM  | Deakin University   | Australia          | 02/10/2025 | 14:10-14:20 | 21     |
| Ming          | Xu                | 97786  | Analytical Derivation of Maximum Allowable Drift for Satellite Constellations Based on Geometric Equivalence  | B1. IAF EARTH OBSERVATION SYMPOSIUM  | School of Astronautics, Beihang University                      | China              | 02/10/2025 | 14:30-14:40 | 21     |
| Phuwamest     | Sonsiri           | 95903  | The tilt adapter design for Optical payload in THEOS-3 small satellite Thailand.  | B1. IAF EARTH OBSERVATION SYMPOSIUM  | Geo-Informatics and Space Technology Development                | Thailand           | 02/10/2025 | 13:30-13:40 | 21     |
| Ákos          | Uzonyi            | 96491  | Investigating the Limits of Free Space Bell-state Synchronization   | B2. IAF SPACE COMMUNICATIONS AND NAVIGATION SYMPOSIUM  | Budapest University of Technology and Economics                 | Hungary            | 02/10/2025 | 14:10-14:20 | 22     |
| Najam         | Naqvi             | 103407 | Establishment of GNSS Observatory for Space Weather and Ionospheric Modelling Research  | B2. IAF SPACE COMMUNICATIONS AND NAVIGATION SYMPOSIUM  | Institute of Space Technology                                   | Pakistan           | 02/10/2025 | 13:40-13:50 | 25     |
| Hee Seob      | Kim               | 97495  | Instrument and Operation Concept of Inter-Frequency Bias Calibration  | B2. IAF SPACE COMMUNICATIONS AND NAVIGATION SYMPOSIUM  | Korea Aerospace Research Institute                              | Korea, Republic of | 02/10/2025 | 14:30-14:40 | 22     |
| Takamasa      | Itahashi          | 99810  | LUCAS: JAXA's new optical data relay system-the result of on-orbit technology demonstration and achieved performance  | B2. IAF SPACE COMMUNICATIONS AND NAVIGATION SYMPOSIUM  | Japan Aerospace Exploration Agency                              | Japan              | 02/10/2025 | 13:50-14:00 | 24     |
| Joseph        | Ashby             | 99841  | Taiaho Observatory: New Zealand Contributions to the Australasian Optical Ground Station Network  | B2. IAF SPACE COMMUNICATIONS AND NAVIGATION SYMPOSIUM  | The University of Auckland                                      | New Zealand        | 02/10/2025 | 14:40-14:50 | 24     |
| Ming          | Xu                | 100219 | optimal staged deployment strategy for leo mega-constellations with accelerated service capability formation  | B2. IAF SPACE COMMUNICATIONS AND NAVIGATION SYMPOSIUM  | School of Astronautics, Beihang University                      | China              | 02/10/2025 | 14:30-14:40 | 24     |
| Yasushi       | MUNEMASA          | 100305 | Research and Development Status of NICT's High-Speed Laser Communications Mission, "HICALI" on Engineering Test Satellite 9 (ETS-9)   | B2. IAF SPACE COMMUNICATIONS AND NAVIGATION SYMPOSIUM  | National Institute of Information and Communications Technology | Japan              | 02/10/2025 | 13:30-13:40 | 24     |

| First            | Last           | Id     | Title  | Symposium  | Company  | Country                | Date       | Time        | Screen |
|------------------|----------------|--------|--|--|--|------------------------|------------|-------------|--------|
| Celia            | Chavez Virgen  | 94512  | Development and Initial Measurements of a Remote Ground Station in Mexico for LEO Satellite Operations and Communication                           | B2. IAF SPACE COMMUNICATIONS AND NAVIGATION SYMPOSIUM                                  | Instituto Politécnico Nacional                     | Mexico                 | 02/10/2025 | 14:20-14:30 | 23     |
| Tanya            | Scalia         | 94714  | Space QKD systems and networks: a review and technology landscape  | B2. IAF SPACE COMMUNICATIONS AND NAVIGATION SYMPOSIUM                                  | Italian Space Agency (ASI)                         | Italy                  | 02/10/2025 | 14:20-14:30 | 22     |
| Moritz           | Mihm           | 96834  | Commissioning the Singapore optical ground station for space-based quantum communication   | B2. IAF SPACE COMMUNICATIONS AND NAVIGATION SYMPOSIUM                                  | National University of Singapore                   | Singapore, Republic of | 02/10/2025 | 14:00-14:10 | 23     |
| Celia            | Chavez Virgen  | 94514  | Satellite Communications and IoT in Mexico and Latin America: Proposing a Model Towards Digital Inclusion in Marginalized Areas                    | B2. IAF SPACE COMMUNICATIONS AND NAVIGATION SYMPOSIUM                                  | Instituto Politécnico Nacional                     | Mexico                 | 02/10/2025 | 14:30-14:40 | 23     |
| Axel             | Núñez Arzola   | 94265  | Use of Modified Submarine Cabling in Space Environments: Solutions for Telecommunications on the Moon  | B2. IAF SPACE COMMUNICATIONS AND NAVIGATION SYMPOSIUM                                  | Facultad de Ingeniería-UNAM                        | Mexico                 | 02/10/2025 | 14:10-14:20 | 24     |
| Rehan            | Mahmood        | 101567 | AI-Driven Fault Detection and Recovery in CubeSat Constellations for Autonomous Space Networking   | B4. 32nd IAA SYMPOSIUM ON SMALL SATELLITE MISSIONS                                     | Institute of Space Technology                      | Pakistan               | 02/10/2025 | 14:00-14:10 | 27     |
| Eugene           | Li             | 103050 | Bridging Mind and Machine in Space: Quantum Neurotech for Human-Robot Collaboration  | B3. IAF HUMAN SPACEFLIGHT SYMPOSIUM  | Commonwealth Scientific and                        | Australia              | 02/10/2025 | 14:30-14:40 | 25     |
| Victoria         | de León        | 95463  | Bio-Based Strategies for Lunar Construction: Evaluating Sodium Alginate as a Sustainable Regolith Binder   | C2. IAF MATERIALS AND STRUCTURES SYMPOSIUM   | TECNOLOGICO DE MONTERREY                           | Mexico                 | 02/10/2025 | 14:00-14:10 | 33     |
| Özgür Mert       | Küçük          | 102858 | Additively Manufactured ABS/Al Hybrid Rocket Fuels: Investigating Advanced Grain Geometry Effects on Combustion                                    | C4. IAF SPACE PROPULSION SYMPOSIUM   | Koc University                                     | Türkiye                | 02/10/2025 | 14:00-14:10 | 38     |
| Mehmet Kemal     | Ergin          | 102942 | Optimization and Performance Analysis of Liquid Bipropellant Injectors for Advanced Propulsion Systems   | C4. IAF SPACE PROPULSION SYMPOSIUM   | Koc University                                     | Türkiye                | 02/10/2025 | 13:40-13:50 | 38     |
| Hongwei          | Lou            | 98214  | valve design for the pressurization system of large liquid rocket  | C4. IAF SPACE PROPULSION SYMPOSIUM   | CAS Space  | China                  | 02/10/2025 | 14:10-14:20 | 37     |
| Hongwei          | Lou            | 98195  | pogo analysis and accumulator design for the pr-2 launch vehicle   | C4. IAF SPACE PROPULSION SYMPOSIUM   | CAS Space  | China                  | 02/10/2025 | 14:20-14:30 | 37     |
| Siliang          | Yang           | 97074  | Demand Analysis of Task Planning for the Cislunar Communication and Navigation Constellation   | D1. IAF SPACE SYSTEMS SYMPOSIUM  | China Academy of Launch Vehicle                    | China                  | 02/10/2025 | 14:30-14:40 | 39     |
| Divyam           | Paliwal        | 102925 | preliminary development of a fluid transfer model and test bench for in-space fueling demonstration  | D2. IAF SPACE TRANSPORTATION SOLUTIONS AND INNOVATIONS SYMPOSIUM                       | University of Pisa                                 | India                  | 02/10/2025 | 13:40-13:50 | 41     |
| Jiuqi            | Liu            | 96926  | Design and Validation of a Low-Cost Navigation System for Precise Landing Points of Rocket's Core Stage  | D2. IAF SPACE TRANSPORTATION SOLUTIONS AND INNOVATIONS SYMPOSIUM                       | CAS Space  | China                  | 02/10/2025 | 14:10-14:20 | 40     |
| Martin           | Gros           | 95449  | Preliminary Life Cycle Assessment and eco-design prospects for autophagy launchers: case study of the combustible fuselage.                        | D2. IAF SPACE TRANSPORTATION SOLUTIONS AND INNOVATIONS SYMPOSIUM                       | [unlisted]   | France                 | 02/10/2025 | 13:50-14:00 | 41     |
| Rivaldo Carlos   | Duran-Aquino   | 101718 | Exploring Biomimetic Applications for Sustainable Lunar Habitats: Harnessing Nature's Solutions for the Moon                                       | D3. 23rd IAA SYMPOSIUM ON BUILDING BLOCKS FOR FUTURE SPACE EXPLORATION AND DEVELOPMENT | Universidad Nacional Mayor de                      | Peru                   | 02/10/2025 | 14:40-14:50 | 41     |
| Dharshun         | Sridharan      | 95513  | Space Infrastructure Will Be The Key Differentiator In A Commoditized Space Economy  | D3. 23rd IAA SYMPOSIUM ON BUILDING BLOCKS FOR FUTURE SPACE EXPLORATION AND DEVELOPMENT | Piston Labs  | Australia              | 02/10/2025 | 14:00-14:10 | 43     |
| Yu               | Zhou           | 96920  | Precision Landing Point Control Technology for Rocket Core Stage   | D2. IAF SPACE TRANSPORTATION SOLUTIONS AND INNOVATIONS SYMPOSIUM                       | CAS Space  | China                  | 02/10/2025 | 14:20-14:30 | 40     |
| Upasana          | Dasgupta       | 102907 | Advanced technologies for collision avoidance in outer space : Bridging the technological divide and establishing minimum standards                | D5. 58th IAA SYMPOSIUM ON SAFETY, QUALITY AND KNOWLEDGE MANAGEMENT IN SPACE ACTIVITIES | OP Jindal Global University                        | India                  | 02/10/2025 | 14:20-14:30 | 44     |
| Enzo             | FERREC         | 100983 | space safety for the moon: evaluating space weather forecast solutions for lunar exploration and habitability                                      | D5. 58th IAA SYMPOSIUM ON SAFETY, QUALITY AND KNOWLEDGE MANAGEMENT IN SPACE ACTIVITIES | Institut Supérieur de l'Aéronautique               | France                 | 02/10/2025 | 14:20-14:30 | 45     |
| EUNGWOO          | LEE            | 97447  | Case Studies on Safety Criticality Review in Launch Vehicle Test Infrastructure  | D5. 58th IAA SYMPOSIUM ON SAFETY, QUALITY AND KNOWLEDGE MANAGEMENT IN SPACE ACTIVITIES | Korea Aerospace Research Institute                 | Korea, Republic of     | 02/10/2025 | 14:40-14:50 | 45     |
| Won-Gi           | Kim            | 96441  | Impact Dispersion Area Estimation for State Uncertainty Using Numerical Approximation  | D6. IAF SYMPOSIUM ON COMMERCIAL SPACEFLIGHT SAFETY ISSUES                              | Korea Advanced Institute of Science and Technology | Korea, Republic of     | 02/10/2025 | 13:30-13:40 | 46     |
| Daniel Estephano | Venturi Calero | 99130  | Ransomware Threats in Space Missions: Vulnerabilities and Prevention Strategies  | D6. IAF SYMPOSIUM ON COMMERCIAL SPACEFLIGHT SAFETY ISSUES                              | [unlisted]   | Peru                   | 02/10/2025 | 13:30-13:40 | 47     |
| Arti             | Sangar         | 94510  | A Crime is a Crime: Ensuring Legal Consistency across the Cosmos   | E9. IAF SYMPOSIUM ON SECURITY, STABILITY AND SUSTAINABILITY OF SPACE ACTIVITIES        | [unlisted]   | Australia              | 02/10/2025 | 14:40-14:50 | 56     |
| Rivaldo Carlos   | Duran-Aquino   | 101697 | Lessons from the Traveler IV: A Blueprint for Advancing University-Led Aerospace Projects in Latin America   | E1. IAF SPACE EDUCATION AND OUTREACH SYMPOSIUM   | Universidad Nacional Mayor de San Marcos           | Peru                   | 02/10/2025 | 13:40-13:50 | 48     |
| Ashley           | Perez          | 96547  | Design, Test, and Integration of a Wireless Telemetry and Control System for Collegiate Liquid Propulsion Launch Vehicles                          | E2. 53rd IAF STUDENT CONFERENCE  | University of Southern California                  | United States          | 02/10/2025 | 14:00-14:10 | 50     |
| Harshit          | Kumar          | 103464 | Onboard Lunar Orbiter Mission: A Miniaturised Radio Occultation based Payload for Lunar Atmospheric Study and Future Prospects                     | A3. IAF SPACE EXPLORATION SYMPOSIUM  | U R RAO SATELLITE CENTRE (ULSATC)                  | India                  | 02/10/2025 | 14:00-14:10 | 8      |
| Lilly            | Etzenbach      | 100664 | Modular Waste Recycling and Manufacturing System Architecture for the Moon and Beyond  | A5. 28th IAA SYMPOSIUM ON HUMAN EXPLORATION OF THE SOLAR SYSTEM                        | Massachusetts Institute of Technology              | United States          | 02/10/2025 | 14:30-14:40 | 14     |
| ANANT            | SINGHAL        | 101267 | Simulations of Multi-Thruster Plume Interactions with Lunar Surface for Chandrayaan-3 Lander   | D2. IAF SPACE TRANSPORTATION SOLUTIONS AND INNOVATIONS SYMPOSIUM                       | Indian Space Research Organisation                 | India                  | 02/10/2025 | 13:30-13:40 | 41     |
| Audrey           | Medaino-Tardif | 103082 | From Analog Observation to Digital Participation: Remembering Operation Moonwatch to Establish a Public Engagement Framework for Wildfire Tracking | E4. 59th IAA HISTORY OF ASTRONAUTICS SYMPOSIUM   | University of Toronto                              | Canada                 | 02/10/2025 | 13:30-13:40 | 53     |

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|----------------|------------------|--------|---|--|---|--------------------|------------|-------------|--------|
| Joel           | Lisk             | 95618  | Relaunching an Integrated Undergraduate Business, Law and Politics Space Topic  | E1. IAF SPACE EDUCATION AND OUTREACH SYMPOSIUM   | Flinders University                             | Australia          | 02/10/2025 | 13:30-13:40 | 49     |
| Anay           | Ashwin           | 96360  | Implementing Indigenous Knowledges-Informed Extended Reality to Enhance Psychological Resilience in Space R&D and Earth-Based Applications: A Follow-Up Study | E5. 36th IAA SYMPOSIUM ON SPACE AND SOCIETY  | University of Southern Queensland               | Australia          | 02/10/2025 | 13:30-13:40 | 54     |
| Thimthana      | Lee              | 96699  | Solid Hydrocarbon Propellants for Electrothermal Plasma Micro-Thrusters   | C4. IAF SPACE PROPULSION SYMPOSIUM   | Australian National University                  | Australia          | 02/10/2025 | 13:30-13:40 | 37     |
| Alejandro José | Agapito Quiñones | 103712 | Enhancing Mission Longevity in Space Robotics: A Reconfigurable 2U CubeSat with Hybrid Aerial-Legged Locomotion   | A5. 28th IAA SYMPOSIUM ON HUMAN EXPLORATION OF THE SOLAR SYSTEM                        | Universidad Nacional de Ingeniería              | Peru               | 02/10/2025 | 13:50-14:00 | 13     |
| Antoine        | ARVEILLER        | 95559  | Titan: Development of a research and test center  | D2. IAF SPACE TRANSPORTATION SOLUTIONS AND INNOVATIONS SYMPOSIUM                       | Latitude  | France             | 02/10/2025 | 14:00-14:10 | 41     |
| Manojkumar     | P                | 103740 | Qualification of Flow proportioning valve for dynamic environment   | D1. IAF SPACE SYSTEMS SYMPOSIUM  | Indian Space Research Organisation              | India              | 02/10/2025 | 14:40-14:50 | 39     |
| Federico       | Toson            | 95434  | Integration of drone and stratospheric balloon platforms for agricultural monitoring and satellite data validation  | B1. IAF EARTH OBSERVATION SYMPOSIUM  | CISAS G. Colombo - University of Padua          | Italy              | 02/10/2025 | 14:00-14:10 | 20     |
| Gerard         | Basha            | 96301  | Incapacity, death and inheritance – space and society   | D6. IAF SYMPOSIUM ON COMMERCIAL SPACEFLIGHT SAFETY ISSUES                              | Barrier Perry                                   | Australia          | 02/10/2025 | 13:50-14:00 | 46     |
| John           | Cherry           | 97729  | EVALUATION OF AUTONOMY-ENABLING SOLUTIONS FOR HANDHELD ULTRASOUND USE IN AN ANTARCTIC SPACEFLIGHT ANALOG  | A1. IAF/AA SPACE LIFE SCIENCES SYMPOSIUM   | Australian Antarctic Division                   | Australia          | 02/10/2025 | 14:30-14:40 | 2      |
| Amil           | Jamilov          | 98606  | decentralized real-time intrusion detection and adaptive response in inter-satellite communications using federated learning and deep reinforcement learning  | D5. 58th IAA SYMPOSIUM ON SAFETY, QUALITY AND KNOWLEDGE MANAGEMENT IN SPACE ACTIVITIES | Azerbaijan Technical University                 | Azerbaijan         | 02/10/2025 | 13:50-14:00 | 45     |
| Mark           | Sturza           | 98845  | Consequences of Cyberattacks on Collision Avoidance Mechanisms  | E9. IAF SYMPOSIUM ON SECURITY, STABILITY AND SUSTAINABILITY OF SPACE ACTIVITIES        | ViaSat Inc.                                     | United States      | 02/10/2025 | 13:50-14:00 | 56     |
| Mila           | Spence           | 99489  | Revitalising the Duty to Consult under Article IX OST : Strengthening Existing Law to Facilitate Active Debris Removal  | E9. IAF SYMPOSIUM ON SECURITY, STABILITY AND SUSTAINABILITY OF SPACE ACTIVITIES        | University of Exeter                            | United Kingdom     | 02/10/2025 | 14:00-14:10 | 56     |
| Alice          | Maddalon         | 102141 | Sunflower Project: autonomously adaptive thermal and light control for space agriculture in stratospheric conditions  | E2. 53rd IAF STUDENT CONFERENCE  | University of Padova - DII                      | Italy              | 02/10/2025 | 14:20-14:30 | 50     |
| John           | Cherry           | 97704  | Space Life Sciences Research within the Australian Antarctic Program – supporting long duration spaceflight   | A1. IAF/AA SPACE LIFE SCIENCES SYMPOSIUM   | Australian Antarctic Division                   | Australia          | 02/10/2025 | 14:00-14:10 | 2      |
| Zack           | Rosenthal        | 103672 | Development of a Commercial Space Food System to Enable Low-Earth-Orbit (LEO) Habitability  | D1. IAF SPACE SYSTEMS SYMPOSIUM  | Vast  | United States      | 02/10/2025 | 13:40-13:50 | 40     |
| Marten         | Berlin           | 102989 | LEO constellation analysis for emergency services in Europe in a 6G 3D network  | B2. IAF SPACE COMMUNICATIONS AND NAVIGATION SYMPOSIUM                                  | ZARM, University of Bremen                      | Germany            | 02/10/2025 | 14:10-14:20 | 23     |
| Saira          | O. Williams      | 102939 | Inclusive design, all astronauts at the heart of design - Future-Proofing Human Spaceflight for All   | B3. IAF HUMAN SPACEFLIGHT SYMPOSIUM  | Independent Researcher                          | Costa Rica         | 02/10/2025 | 14:40-14:50 | 25     |
| Takashi        | Mizuguchi        | 103824 | sworb: simulation-based motion planning and reconfigurable architecture with spherical swarm robots   | A3. IAF SPACE EXPLORATION SYMPOSIUM  | teamLab Architects inc.                         | Japan              | 02/10/2025 | 14:40-14:50 | 9      |
| Kaylee         | Li               | 102393 | Optimising Space Systems Change Management through MBSE   | D1. IAF SPACE SYSTEMS SYMPOSIUM  | Space Generation Advisory Council               | Australia          | 02/10/2025 | 13:50-14:00 | 40     |
| Neal           | Lachman          | 103483 | Titans Space Industries Spaceplane: a novel platform for orbital microgravity research  | A2. IAF MICROGRAVITY SCIENCES AND PROCESSES SYMPOSIUM                                  | [unlisted]                                      | United States      | 02/10/2025 | 13:50-14:00 | 5      |
| Devansh        | Bhatia           | 100980 | Geo-Bio Synergistic Spaceport Design  | D6. IAF SYMPOSIUM ON COMMERCIAL SPACEFLIGHT SAFETY ISSUES                              | Indian Institute of Technology                  | India              | 02/10/2025 | 13:50-14:00 | 47     |
| Raúl Gianmarco | Chávez Chávez    | 103749 | Nonlinear Control with Feedback Linearization for ADCS in 2U CubeSat: LQR-Based Control Strategy  | C1. IAF ASTRODYNAMICS SYMPOSIUM  | Universidad Nacional de Ingeniería              | Peru               | 02/10/2025 | 14:10-14:20 | 31     |
| Leonardo       | Barilaro         | 95059  | ASTROBEAT 2: Advancing space debris mitigation and spacecraft repair technologies   | A6. 23rd IAA SYMPOSIUM ON SPACE DEBRIS   | [unlisted]                                      | Malta              | 02/10/2025 | 13:30-13:40 | 15     |
| Kenta          | Nakajima         | 96854  | An analytical framework for hybrid spiral-ellipse trajectories under atmospheric drag   | C1. IAF ASTRODYNAMICS SYMPOSIUM  | Kyushu University                               | Japan              | 02/10/2025 | 13:40-13:50 | 31     |
| Alessandra     | Menicucci        | 103218 | Lunar radiation monitoring on-board of the micro-rover Lunar Zebro.   | A3. IAF SPACE EXPLORATION SYMPOSIUM  | DeIR University of Technology                   | The Netherlands    | 02/10/2025 | 14:30-14:40 | 6      |
| Karol          | Kotacz           | 101107 | Empowering the Next Generation: The Impact of the POLSA Student Council on Poland's Space Academia Ecosystem (2020–2025)                                      | E1. IAF SPACE EDUCATION AND OUTREACH SYMPOSIUM   | Rzeszow University of Technology                | Poland             | 02/10/2025 | 14:00-14:10 | 48     |
| Ekaterina      | Faber            | 103780 | From Components to Ecosystems: Building Blocks for Sustainable Lunar Infrastructure   | D3. 23rd IAA SYMPOSIUM ON BUILDING BLOCKS FOR FUTURE SPACE EXPLORATION AND DEVELOPMENT | Moscow Institute of Electronics and Cybernetics | Russian Federation | 02/10/2025 | 13:40-13:50 | 43     |
| Mehmet Kemal   | Ergin            | 103811 | Hybrid Rocket Development with Nitrox Blends Through Real-Gas Modeling and Planned Hot-Fire Testing for In-Space Applications                                 | C4. IAF SPACE PROPULSION SYMPOSIUM   | Koc University                                  | Türkiye            | 02/10/2025 | 13:50-14:00 | 38     |
| Mahinda        | Pathegama        | 103850 | A Novel Cosmological Model: The Interstellar Hub Theory and Solar Lasi Dynamics - An Alternative to Dark Matter Paradigms                                     | A3. IAF SPACE EXPLORATION SYMPOSIUM  | Space Exploration Division, C                   | Sri Lanka          | 02/10/2025 | 14:40-14:50 | 10     |
| Julio Cesar    | Tello Rojas      | 103699 | Intelligent control system for life support and energy management in moonal habitats using TinyML and dual microcontrollers                                   | A5. 28th IAA SYMPOSIUM ON HUMAN EXPLORATION OF THE SOLAR SYSTEM                        | Universidad Nacional Mayor de San Marcos        | Peru               | 02/10/2025 | 14:00-14:10 | 13     |
| Katja          | Grünfeld         | 103512 | Space Traffic Management 3.0: A New Space Age in Time of Geo-Political Tensions   | E9. IAF SYMPOSIUM ON SECURITY, STABILITY AND SUSTAINABILITY OF SPACE ACTIVITIES        | [unlisted]                                      | Slovenia           | 02/10/2025 | 14:10-14:20 | 56     |

| First           | Last           | Id     | Title  | Symposium   | Company                                  | Country                | Date       | Time        | Screen |
|-----------------|----------------|--------|--|---|--|------------------------|------------|-------------|--------|
| Lachlan         | Whitehead      | 97990  | Specialised Engineering and Optimisation in High-Powered Student Competition Rocketry  | E2. 53rd IAF STUDENT CONFERENCE                                   | University of Melbourne                  | Australia              | 02/10/2025 | 14:30-14:40 | 50     |
| Natali          | Vigil Martinez | 103790 | Open Innovation for Sustainability and Inclusion: Accelerating Gender-Informed Space Ventures in Latin America.  | E6. IAF BUSINESSES AND INNOVATION SYMPOSIUM                       |  | Mexico                 | 02/10/2025 | 13:30-13:40 | 55     |
| Peter           | Perez          | 100803 | CanSat mission: Desing, implementation, and real-time data communication for controlled descent  | E2. 53rd IAF STUDENT CONFERENCE                                   | Universidad Nacional de Ingenieria       | Peru                   | 02/10/2025 | 14:10-14:20 | 50     |
| Beste           | Boybasi        | 103809 | Design and Experimental Validation of a Mass-Efficient Pancake Hybrid Rocket Motor with Vortex-Induced Flow for In-Space Application                                       | C4. IAF SPACE PROPULSION SYMPOSIUM                                | Koc University                           | Türkiye                | 02/10/2025 | 13:30-13:40 | 38     |
| Paola           | Breda          | 96247  | Security and Safety of Commercial Launch Operations in Rapid Prototyping Activities  | D6. IAF SYMPOSIUM ON COMMERCIAL SPACEFLIGHT SAFETY ISSUES         | International Space University           | Germany                | 02/10/2025 | 13:40-13:50 | 46     |
| Khurram         | Malik          | 103581 | Leveraging GEO Satellite Virtualization for Enhanced Real-Time Security in Hybrid Satellite Networks   | B2. IAF SPACE COMMUNICATIONS AND NAVIGATION SYMPOSIUM             | Queensland University of Technology      | Australia              | 02/10/2025 | 13:30-13:40 | 23     |
| Zihan           | Yin            | 97538  | mars lighthouse: an integrated sustainable mars exploration system based on co <sub>2</sub> compressed energy storage and intelligent navigation                           | A3. IAF SPACE EXPLORATION SYMPOSIUM                               | China Academy of Aerospace               | China                  | 03/10/2025 | 13:35-13:45 | 6      |
| Deog-Kwan       | Kim            | 97857  | the initial study of korean mars drone concept for mars exploration  | A3. IAF SPACE EXPLORATION SYMPOSIUM                               | Korea Aerospace Research Institute       | Korea, Republic of     | 03/10/2025 | 13:35-13:45 | 10     |
| Raghad          | Nedal Al-Issa  | 94636  | Manar Gate: Illuminating the Future of Sustainable Lunar Exploration   | A3. IAF SPACE EXPLORATION SYMPOSIUM                               | Space Generation Advisory Council        | Jordan                 | 03/10/2025 | 13:35-13:45 | 12     |
| Masaaki         | Kawamura       | 102342 | Institutionalizing Proactive Debris Mitigation: Policy and Technological Imperatives for Embedding PMD (Post Mission Disposal) Devices in Rocket Systems                   | A6. 23rd IAA SYMPOSIUM ON SPACE DEBRIS                            | BULL Co., Ltd.                           | Japan                  | 03/10/2025 | 13:15-13:25 | 17     |
| Gabriel         | Rodrigues      | 102877 | Mathematical Modeling of Multiple-Arm Free-Floating Space Robot for Space Target Detumbling  | A6. 23rd IAA SYMPOSIUM ON SPACE DEBRIS                            | Federal University of São Carlos         | Brazil                 | 03/10/2025 | 13:35-13:45 | 14     |
| Xukang          | Xie            | 99690  | Dynamic Topology and Risk-Aware Attention of Space Debris Prediction for Mega-Constellation Networks   | A6. 23rd IAA SYMPOSIUM ON SPACE DEBRIS                            | Sun Yat-sen University (Guangzhou)       | China                  | 03/10/2025 | 12:45-12:55 | 18     |
| Partha          | Chowdhury      | 99362  | An unsupervised learning based approach for ground station selection for space situational awareness   | A6. 23rd IAA SYMPOSIUM ON SPACE DEBRIS                            | IIT Delhi                                | India                  | 03/10/2025 | 12:45-12:55 | 17     |
| Aidan           | Correa         | 99319  | Predictive Framework for Space Debris Trajectory Forecasting and Collision Avoidance   | A6. 23rd IAA SYMPOSIUM ON SPACE DEBRIS                            | [unlisted]                               | Australia              | 03/10/2025 | 13:35-13:45 | 13     |
| Daniel          | Pagliaricci    | 101997 | A Multi-Stage Deep Neural Network Approach for Angular Pose Estimation in Nanosatellite Capture.   | B4. 32nd IAA SYMPOSIUM ON SMALL SATELLITE MISSIONS                | Federal University of São Carlos         | Brazil                 | 03/10/2025 | 13:25-13:35 | 26     |
| Muhammad Rizwan | Mughal         | 102467 | Power optimization and Thermal Analysis of Printed Coils, Compact Coils, and Magnetic Rods for CubeSat Attitude Control  | B4. 32nd IAA SYMPOSIUM ON SMALL SATELLITE MISSIONS                | Sultan Qaboos University (SQU)           | Oman                   | 03/10/2025 | 13:25-13:35 | 27     |
| Devansh         | Bhatia         | 101032 | Evolvable Bio-Computational Swarms: A Paradigm Shift in Autonomous Deep Space Exploration  | B4. 32nd IAA SYMPOSIUM ON SMALL SATELLITE MISSIONS                | Indian Institute of Technology           | India                  | 03/10/2025 | 12:45-12:55 | 27     |
| Rivaldo Carlos  | Duran-Aquino   | 101708 | Developing Closed-Loop Ecosystems for Resource-Scarce Regions  | B5. IAF SYMPOSIUM ON INTEGRATED APPLICATIONS                      | Universidad Nacional Mayor de San Marcos | Peru                   | 03/10/2025 | 12:45-12:55 | 28     |
| Joannes Paulus  | Hernandez      | 101735 | Data-driven Assistive Robotics in Nursing Care for Analog Mission Application (DARNAA)   | B5. IAF SYMPOSIUM ON INTEGRATED APPLICATIONS                      | Case Western Reserve University          | United States          | 03/10/2025 | 13:35-13:45 | 27     |
| Shizhen         | Li             | 97502  | A Temporal Uncertainty-Oriented Mission Planning Method for Autonomous Deep Space Probes   | B6. IAF SPACE OPERATIONS SYMPOSIUM                                | Beijing Institute of Technology          | China                  | 03/10/2025 | 13:15-13:25 | 29     |
| Haohua          | Niu            | 97557  | TriGNN-DRL: A Graph Reinforcement Learning-based Method of Information Dissemination for Mega-Constellation Networks   | B6. IAF SPACE OPERATIONS SYMPOSIUM                                | Sun Yat-sen University (Guangzhou)       | China                  | 03/10/2025 | 13:25-13:35 | 29     |
| Tanya           | Krishna Kumar  | 102310 | SPACECRAFT CONTROL IN CONSTRAINED ENVIRONMENTS: BARRIER LYAPUNOV FUNCTION-BASED RENDEZVOUS AND DOCKING WITH HYBRID ACTUATOR ASSEMBLY                                       | C1. IAF ASTRODYNAMICS SYMPOSIUM                                   | Indian Institute of Technology           | India                  | 03/10/2025 | 13:05-13:15 | 32     |
| Vladislav       | Zubko          | 94151  | An analytical geometric approach for determining satellite occultation events  | C1. IAF ASTRODYNAMICS SYMPOSIUM                                   | Space Research Institute (IKI)           | Russian Federation     | 03/10/2025 | 13:05-13:15 | 31     |
| Dasuni          | Hewawasam      | 101344 | Self-Healing Materials for Spacecraft and Planetary Habitats: Enhancing Durability and Longevity   | C2. IAF MATERIALS AND STRUCTURES SYMPOSIUM                        | Space Generation Advisory Council        | Sri Lanka              | 03/10/2025 | 13:15-13:25 | 34     |
| Victor          | Soh            | 100947 | Design of Monolithic Imager Payload Mount with Targeted Modal and Damping Characteristics Obtained by Metal Lattice Structures and Unfused AISi10Mg Metal Powder using SLM | C2. IAF MATERIALS AND STRUCTURES SYMPOSIUM                        | National University of Singapore         | Singapore, Republic of | 03/10/2025 | 13:15-13:25 | 32     |
| Abhishek        | Risbud         | 98816  | Battery Pack Lifetime Testing Campaigns for Microsatellites  | C3. IAF SPACE POWER SYMPOSIUM                                     | Space Flight Laboratory (SFL)            | Canada                 | 03/10/2025 | 13:25-13:35 | 36     |
| Rivaldo Carlos  | Duran-Aquino   | 101698 | A Decade of Aerospace Research in Latin America: An Analysis of Thematic and Methodological Trends in Peer-Reviewed Publications   | E11. IAF SYMPOSIUM ON EMERGING SPACE ECOSYSTEMS                   | Universidad Nacional Mayor de San Marcos | Peru                   | 03/10/2025 | 13:35-13:45 | 55     |
| Muhammad Rizwan | Mughal         | 102205 | The Role of MTCIT-SQU Space Engineering Lab Initiative in Capacity Building for Space Innovation   | E11. IAF SYMPOSIUM ON EMERGING SPACE ECOSYSTEMS                   | Sultan Qaboos University (SQU)           | Oman                   | 03/10/2025 | 12:45-12:55 | 56     |
| Mónica          | Ortiz Álvarez  | 96883  | law reform to consider space sciences as an optional subject in upper secondary education levels in the state of oaxaca-mexico   | E3. 38th IAA SYMPOSIUM ON SPACE POLICY, REGULATIONS AND ECONOMICS | The University of Edinburgh              | United Kingdom         | 03/10/2025 | 12:55-13:05 | 49     |
| Dennis          | nganga         | 94779  | Bridging the Gap in Space Education and Outreach: A Comparative Analysis of Urban and Rural Schools in Kenya   | E1. IAF SPACE EDUCATION AND OUTREACH SYMPOSIUM                    | Kenya Space Agency (KSA)                 | Kenya                  | 03/10/2025 | 12:45-12:55 | 47     |
| Thomas          | Green          | 103422 | Satellite observation techniques as part of an emission trading scheme: review of the Australian Carbon Credits Scheme and emerging governance techniques                  | E11. IAF SYMPOSIUM ON EMERGING SPACE ECOSYSTEMS                   |  | Australia              | 03/10/2025 | 13:35-13:45 | 54     |



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|------------------|-----------------|--------|---|---|-------------------------------|------------------------|------------|-------------|--------|
| Dasuni           | Hewawasam       | 101345 | The Role of Modular Space Stations in the Future of Human Spaceflight   | B3. IAF HUMAN SPACEFLIGHT SYMPOSIUM   | Space Generation Advisory Co  | Sri Lanka              | 03/10/2025 | 13:25-13:35 | 25     |
| Fidel            | Castro Suazo    | 103814 | Design and Development of a Low-Cost Semi-Autonomous Lunar Rover as an Educational Platform for Space Systems Training                    | E1. IAF SPACE EDUCATION AND OUTREACH SYMPOSIUM                                  | Universidad Nacional de Ingen | Peru                   | 03/10/2025 | 13:35-13:45 | 46     |
| David            | Rossa           | 95842  | Investigating Electrodynamic Tethers for Sustainable Space Debris Mitigation  | A6. 23rd IAA SYMPOSIUM ON SPACE DEBRIS  | Institute of Space Systems, U | Germany                | 03/10/2025 | 12:45-12:55 | 15     |
| Julia            | Low             | 99402  | Grow your food! Using 'Sensory Play' in Space-Based Educational Outreach to Understand Children's Eating Behaviours                       | E1. IAF SPACE EDUCATION AND OUTREACH SYMPOSIUM                                  | RMIT University               | Australia              | 03/10/2025 | 12:45-12:55 | 45     |
| Giacomo Primo    | Sciortino       | 95605  | Space Awareness in Smart Tourism evolution  | E1. IAF SPACE EDUCATION AND OUTREACH SYMPOSIUM                                  |                               | Italy                  | 03/10/2025 | 12:45-12:55 | 48     |
| Akif             | Mohiuddin       | 102574 | hazard avoidance and systematic autonomous landing for spacecraft on mars using computer vision   | A3. IAF SPACE EXPLORATION SYMPOSIUM   | BRAC University               | Bangladesh             | 03/10/2025 | 13:15-13:25 | 9      |
| Saeed            | Vahdani         | 103073 | MARS LINK: Multi-Layered Mars Exploration Framework to Support Human Settlement and Resource Utilization                                  | A3. IAF SPACE EXPLORATION SYMPOSIUM   | Space Generation Advisory Co  | Iran                   | 03/10/2025 | 13:35-13:45 | 8      |
| SangRyool        | LEE             | 99556  | Interplanetary trajectory study and Space Trajectory Demonstrator (STD 1.0) development for deep space exploration                        | A3. IAF SPACE EXPLORATION SYMPOSIUM   | Korea Aerospace Research Ins  | Korea, Republic of     | 03/10/2025 | 13:15-13:25 | 10     |
| Janghyun         | Bae             | 99665  | development of 2-wheel rover test model for lunar cave exploration  | A3. IAF SPACE EXPLORATION SYMPOSIUM   | Unmanned Exploration Labor    | Korea, Republic of     | 03/10/2025 | 13:05-13:15 | 8      |
| JeongWon         | Park            | 99666  | preliminary design and manufacture of planetary exploration rovers based on mission scenarios   | A3. IAF SPACE EXPLORATION SYMPOSIUM   | Unmanned Exploration Labor    | Korea, Republic of     | 03/10/2025 | 13:05-13:15 | 7      |
| Dasuni           | Hewawasam       | 101305 | Advanced Planetary Protection Measures for Mars and Beyond  | A3. IAF SPACE EXPLORATION SYMPOSIUM   | Space Generation Advisory Co  | Sri Lanka              | 03/10/2025 | 13:05-13:15 | 11     |
| Muhammad Rizwan  | Mughal          | 102188 | Spaceborne Artificial Intelligince for Real-Time Land Use and Land Change (LULC) Classificatin  | B1. IAF EARTH OBSERVATION SYMPOSIUM   | Sultan Qaboos University (SQ  | Oman                   | 03/10/2025 | 13:05-13:15 | 21     |
| David            | Woodside        | 101094 | Evaluating the Feasibility of Software-Emulated High-Speed Synchronous Communication for Onboard Satellite Systems Using COTS Hardware    | B1. IAF EARTH OBSERVATION SYMPOSIUM   | National University of Singap | Singapore, Republic of | 03/10/2025 | 13:15-13:25 | 21     |
| Peiran           | Mu              | 98238  | Elastic Time Slot Compact Scheduling Method for Multi-Type Observation Tasks in Large-Scale Satellite Constellations                      | B1. IAF EARTH OBSERVATION SYMPOSIUM   | Beijing Institute of technolo | China                  | 03/10/2025 | 13:15-13:25 | 20     |
| Daniel Estephano | Venturi Calero  | 99118  | Mitigating Spoofing Attacks in Meteorological Nanosatellite Telemetry: A ROS-Gazebo Simulation Approach                                   | B2. IAF SPACE COMMUNICATIONS AND NAVIGATION SYMPOSIUM                           | [unlisted]                    | Peru                   | 03/10/2025 | 12:45-12:55 | 24     |
| Maximilien       | Berthet         | 101863 | UNISEC Global's Nano-satellite IoT Constellation Program by International Collaboration: From Establishment to Planned Operations         | B4. 32nd IAA SYMPOSIUM ON SMALL SATELLITE MISSIONS                              | University of Tokyo           | Japan                  | 03/10/2025 | 13:05-13:15 | 26     |
| Rivaldo Carlos   | Duran-Aquino    | 101706 | Atmosphere-Breathing Electric Propulsion (ABEP) to Extend Spacecraft Lifespan in Very-Low Earth Orbits (VLEOs)                            | C4. IAF SPACE PROPULSION SYMPOSIUM  | Universidad Nacional Mayor d  | Peru                   | 03/10/2025 | 13:35-13:45 | 37     |
| Eng Sameer       | Hameer          | 94739  | An Novel. Model for Space Solar Power   | C3. IAF SPACE POWER SYMPOSIUM   | [unlisted]                    | Kenya                  | 03/10/2025 | 13:15-13:25 | 37     |
| Satwik           | Mohanty         | 100733 | Dry Mechanical Mixing as an Additive Dispersion Technique for Coating Catalysts over Ammonium Perchlorate: A Novel Time-Based Approach to | C4. IAF SPACE PROPULSION SYMPOSIUM  | Politecnico di Milano         | Italy                  | 03/10/2025 | 13:05-13:15 | 38     |
| Keerthana        | Srinivasan      | 102331 | Automating Reliability Estimations for Integrated Circuits During Commercial Spaceflight  | D1. IAF SPACE SYSTEMS SYMPOSIUM   |                               | Canada                 | 03/10/2025 | 13:25-13:35 | 41     |
| Rivaldo Carlos   | Duran-Aquino    | 101693 | Environmental Impact of the Talara Space Port Piura: Perspectives and Challenges  | D2. IAF SPACE TRANSPORTATION SOLUTIONS AND INNOVATIONS SYMPOSIUM                | Universidad Nacional Mayor d  | Peru                   | 03/10/2025 | 13:35-13:45 | 44     |
| Erik             | Kulu            | 95188  | Orbital Terrorism - Low-Cost Feasible Scenarios and Threat Assessments  | E9. IAF SYMPOSIUM ON SECURITY, STABILITY AND SUSTAINABILITY OF SPACE ACTIVITIES |                               | Estonia                | 03/10/2025 | 12:45-12:55 | 54     |
| Ulrike           | Nostitz         | 94881  | Ireland's Space Odyssey - the journey and ambition of Ireland's space sector  | E11. IAF SYMPOSIUM ON EMERGING SPACE ECOSYSTEMS                                 |                               | Ireland                | 03/10/2025 | 13:05-13:15 | 56     |
| Kenza            | Tarek           | 103172 | No-Fault Liability Insurance & Space Sustainability: A Market-Driven Legal Mechanism for Risk Mitigation                                  | E7. IISL COLLOQUIUM ON THE LAW OF OUTER SPACE                                   | Concordia University          | Canada                 | 03/10/2025 | 12:55-13:05 | 52     |
| Frank Raul       | Quintana Quispe | 102993 | Implementation of a SIEM for the Protection of Confidential Information in Space Industries   | E9. IAF SYMPOSIUM ON SECURITY, STABILITY AND SUSTAINABILITY OF SPACE ACTIVITIES | [unlisted]                    | Peru                   | 03/10/2025 | 13:25-13:35 | 53     |
| Sang-Wook        | Kang            | 98981  | Introduction to the Development Status of South Korea's Mars Orbiter  | A3. IAF Space Exploration Symposium: IAC-25                                     |                               |                        | 03/10/2025 | 13:25-13:35 | 10     |
| Jerry            | Sellers         | 98332  | Implementing Model-based Design Reviews—Lessons Learned from the FireSAT Nova Project   | D1. IAF SPACE SYSTEMS SYMPOSIUM   | Teaching Science and Techno   | United States          | 03/10/2025 | 12:45-12:55 | 42     |
| Jeremy Hanks     | Reyes Huaman    | 103735 | Hybrid multilayer thermal insulation design for lunar micro rovers based on silica aerogel  | C2. IAF MATERIALS AND STRUCTURES SYMPOSIUM                                      | Universidad Nacional Mayor d  | Peru                   | 03/10/2025 | 12:45-12:55 | 33     |
| Thomas           | Green           | 100051 | Regulatory considerations of Lagrange Points for times of conflict  | E7. IISL COLLOQUIUM ON THE LAW OF OUTER SPACE                                   |                               | Australia              | 03/10/2025 | 12:45-12:55 | 52     |
| Isobel           | Haddow          | 103715 | a bilateral space industry start up cooperation framework: australian and european space sector partnerships                              | E6. IAF BUSINESSES AND INNOVATION SYMPOSIUM                                     | Space Industry Association of | Australia              | 03/10/2025 | 12:45-12:55 | 50     |
| reetunjai        | dutta           | 103710 | Fourth Spaces: Innovating public engagement to unlock inclusive space business models   | E6. IAF BUSINESSES AND INNOVATION SYMPOSIUM                                     | [unlisted]                    | India                  | 03/10/2025 | 13:35-13:45 | 49     |

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|-------|-------|--------|---|---|---------------------------------|---------|------------|-------------|--------|
| Luna  | Panei | 103048 | Italy's leadership in long-term sustainability of outer space: policy, innovation, international cooperation and capacity-building for emerging space nations | E3. 38th IAA SYMPOSIUM ON SPACE POLICY, REGULATIONS AND ECONOMICS | Agenzia Spaziale Italiana (ASI) | Italy   | 03/10/2025 | 13:25-13:35 | 48     |