

First	Last	Title	Symposium	Company	Country
Taania	Girgla	Remote-Guided Flexible Nasolaryngoscopy to Evaluate Acute Airway Changes During Short-Duration Spaceflight	A1 IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM	Harvard Medical School	United States
Tatiana	Shigueva	Electromyostimulation as a countermeasure for microgravity-induced motor deficits: from ground-based analogs to clinical	A1 IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM	State Scientific Center of the Russian Federation - Institute of Biomedical Problems of the Russian Academy of	Russian Federation
Beyza	Karacaoğlu	Growth Performance of Antarctic Chlorella sorokiniana EGEMEN.001 in Lunar and Martian Regolith Simulant-Derived	A1 IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM	Yildiz Technical University	Türkiye
Erdem	Ceylan	BAT-SWARM: Biomimetic Sonar-Guided Micro Drone Swarms for Lunar Lava Tube Exploration in GNSS-Denied Environments	A3 IAF SPACE EXPLORATION SYMPOSIUM	Eskişehir Private Murat Yıldırım Vocational and Technical Anatolian High School	Türkiye
Jun	Sato	Tiny Pilot Module Representing an All-in-one Habitation Module to Test Passive Construction on the Moon	A3 IAF SPACE EXPLORATION SYMPOSIUM	University of Tokyo	Japan
Zeynep	Dede	AI-assisted autonomous rover concept for astrobiological exploration of Martian polar ice deposits	A3 IAF SPACE EXPLORATION SYMPOSIUM	University of Turkish Aeronautical Association	Türkiye
Şahin	Torlakcık	Where Not to Look: A Parametric Avoidance Model for SETI Target Selection	A4 55th IAA SYMPOSIUM ON THE SEARCH FOR EXTRATERRESTRIAL INTELLIGENCE (SETI) – The Next Steps		Türkiye
Samer	El Sayary	integrated lunar biome systems: the pineflux architecture for sustainable habitats	A5 29th IAA SYMPOSIUM ON HUMAN EXPLORATION OF THE SOLAR SYSTEM		Lebanon
Xing	Xu	Modular Design of a Lunar Subsurface Medical Facility Utilizing Lava Tubes	A5 29th IAA SYMPOSIUM ON HUMAN EXPLORATION OF THE SOLAR SYSTEM	Harbin Institute of Technology	China
Aslı zeynep	Ağcadağ	A symbiotic mycelium–cyanobacteria system for bioregenerative life support on Mars	A5 29th IAA SYMPOSIUM ON HUMAN EXPLORATION OF THE SOLAR SYSTEM	Erciyes Üniversitesi	Türkiye
Feiyang	Wen	Synchronous Co-Directional Bipolar Modulation: Mitigating Geomagnetic Coupling Effects in Dual-Spacecraft Eddy-	A6 24th IAA SYMPOSIUM ON SPACE DEBRIS	Harbin Institute of Technology	China
Sven Kevin	Flegel	ESA MASTER-9 Model Upgrade	A6 24th IAA SYMPOSIUM ON SPACE DEBRIS	OKAPI:Orbits GmbH	Germany
Yusra	Alkendi	Experimental Benchmarking of Neuromorphic Vision Sensors Against Astronomy Frame-Based Imaging for Dynamic Space	A6 24th IAA SYMPOSIUM ON SPACE DEBRIS	Technology Innovation Institute (TII)	United Arab Emirates
Nur	Çınar	Galactic Origins of Metal-Poor Stars in the Solar Neighborhood: Investigating Potential Links with NGC 5139	A7 IAF SYMPOSIUM ON ONGOING AND NEAR FUTURE SPACE ASTRONOMY AND SOLAR-SYSTEM SCIENCE MISSIONS	Akdeniz University	Türkiye
İdil	Sincer	NanoSpace Knowledge Hub: An interdisciplinary, tool-integrated Science 4.0 database for cosmic nanocarbons in	A7 IAF SYMPOSIUM ON ONGOING AND NEAR FUTURE SPACE ASTRONOMY AND SOLAR-SYSTEM SCIENCE MISSIONS	Dogus University	Türkiye
Zeynep Feyza	Özdemir	Calibrating the Local Distance Scale with Population I Cepheid Variables: A Distance Analysis of Messier 100 (NGC	A7 IAF SYMPOSIUM ON ONGOING AND NEAR FUTURE SPACE ASTRONOMY AND SOLAR-SYSTEM SCIENCE MISSIONS	[unlisted]	Türkiye
Fernando	Aguado Agelet	Adaptive SoC-Based Onboard Processing for Geospatial Intelligence in the New Space Era	B1 IAF EARTH OBSERVATION SYMPOSIUM	University of Vigo	Spain
Ravi teja	Nallapu	Capturing Glint from Orbit: Results from the Tanager Mission	B1 IAF EARTH OBSERVATION SYMPOSIUM	Planet	United States
Giulia	Sala	An Onboard-Deployable Autoscheduler for Earth Observation Constellations Exploiting Redundancy to Minimize Data	B1 IAF EARTH OBSERVATION SYMPOSIUM	Argotec	Italy
Mehmet Serdar	AYDIN	Token Driven Bandwidth Allocation Method for Airborne Platforms in Congested SATCOM Environments	B2 IAF SPACE COMMUNICATIONS AND NAVIGATION SYMPOSIUM	HAVELSAN	Türkiye
Oriol	Fusté	Kubernetes Above the Cloud: Orbit-Aware Orchestration of Software Defined 5G Core and RAN on Distributed Data	B2 IAF SPACE COMMUNICATIONS AND NAVIGATION SYMPOSIUM	i2CAT	Spain
Giovanni	Cozzolongo	Integrated Sensor Fusion and Analog-Calibrated Simulation for Tumbleweed Rovers Navigation on Mars	B2 IAF SPACE COMMUNICATIONS AND NAVIGATION SYMPOSIUM	Team Tumbleweed	Netherlands (Kingdom of the)
Rekhanshi	Varma	Design and Implementation of Analog Habitability Trials in Early-Phase Crewed Spaceflight Missions	B3 IAF HUMAN SPACEFLIGHT SYMPOSIUM	Indian Space Research Organization (ISRO)	India

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Dmitry	Golovin	Board Telescope of Neutrons (BTN) experiment on the RS ISS: goals, results and application	B3 IAF HUMAN SPACEFLIGHT SYMPOSIUM	Space Research Institute (IKI), Russian Academy of Sciences (RAS)	Russian Federation
Kaila	Pfrang	The Lunar Outpost Pegasus: A Crewed Lunar Terrain Vehicle for NASA's Moon Base Surface Operations	B3 IAF HUMAN SPACEFLIGHT SYMPOSIUM	[unlisted]	United States
Martina	Imperatrice	Technology Maturation of a Compact System for Autonomous Docking between CubeSats	B4 33rd IAA SYMPOSIUM ON SMALL SATELLITE MISSIONS	CISAS – “G. Colombo” Center of Studies and Activities for Space	Italy
Miguel	Silva	Mission-Level Hardware-in-the-Loop Verification and Validation of CubeSat Electrical Power System Operational	B4 33rd IAA SYMPOSIUM ON SMALL SATELLITE MISSIONS	Universidad Catolica Boliviana San Pablo	Bolivia
John	Hudson	In-orbit Thermal Transfer Characterisation of a programmable Multilayer Payload stack in LEO sun synchronous orbit on a	B4 33rd IAA SYMPOSIUM ON SMALL SATELLITE MISSIONS	Aiglon College	Switzerland
Federico	Bonarota	From Space-Based Data to Urban Policy: Integrated Applications for Smart City Governance	B5 IAF SYMPOSIUM ON INTEGRATED APPLICATIONS		Italy
Carlos	Guimarães	Resilient Communications with Nomadic 5G and Satellite-based Connectivity for PPDR applications	B5 IAF SYMPOSIUM ON INTEGRATED APPLICATIONS	Siemens AG	Germany
Andrea	Ricci	Along-Track Radar Interferometry for Maritime Surveillance using Tethered Satellite System	B5 IAF SYMPOSIUM ON INTEGRATED APPLICATIONS	Politecnico di Torino	Italy
Yusuf Hamit	Hakbilir	Autonomous conjunction risk classification and maneuver decision support system for LEO small satellites	B6 IAF SPACE OPERATIONS SYMPOSIUM	Karadeniz Technical University	Türkiye
Kai	Shoji	Estimating the Relative Attitude of Satellites Using Visible Images for On-Orbit Servicing: An Experimental Investigation	B6 IAF SPACE OPERATIONS SYMPOSIUM	Tokyo University of Science	Japan
Matteo	Fulgheri	Lunar Helium-3 Extraction: Preliminary Robotics and Operations Design for the THEIA Mission	B6 IAF SPACE OPERATIONS SYMPOSIUM	Politecnico di Milano	Italy
Harish	Vernekar	Rotation-Minimizing Tidal-Impedance Relative Dynamics for Near Rectilinear Halo Orbit Proximity Operations: Application	C1 IAF ASTRODYNAMICS SYMPOSIUM	University of Arizona	United States
Junfeng	Yuan	Data-Efficient Generative Learning of Spacecraft Swarm Density Control with Neural ODE and Configuration Invariant	C1 IAF ASTRODYNAMICS SYMPOSIUM	Beihang University	China
Hirohisa	Kojima	Design and Evaluation of an Asymmetric Skew-Octagon SGCMG Configuration for High-Speed Spacecraft Attitude	C1 IAF ASTRODYNAMICS SYMPOSIUM	Tokyo Metropolitan University	Japan
Seetha	Raghavan	Additive manufacturing of SiC particle-reinforced zirconia ceramics for durable, passive lunar dust mitigation	C2 IAF MATERIALS AND STRUCTURES SYMPOSIUM	Embry-Riddle Aeronautical University	United States
Nina	Mamcarz	Solid-State Polymer Electrolyte For Multifunctional Structural Batteries	C2 IAF MATERIALS AND STRUCTURES SYMPOSIUM	Delft University of Technology (TU Delft)	Netherlands (Kingdom of the)
Lukas	Bartschinski	Robotic arm concept for in-space bonding to assemble, repair and maintain large space structures	C2 IAF MATERIALS AND STRUCTURES SYMPOSIUM	Munich University of Applied Sciences	Germany
Nisa	Yıldırım	Biohybrid Self-Stabilizing Solar Energy Architecture for Long-Duration Lunar Surface Space Missions	C3 IAF SPACE POWER SYMPOSIUM	[unlisted]	Türkiye
Turkay	Huseynova	AI-Optimized Resilient Power Management for Autonomous Space Robots	C3 IAF SPACE POWER SYMPOSIUM	National Aviation Academy - Azerbaijan	Azerbaijan
Aastha	Bhatt	Achievability and Challenges of Radio-Frequency Wireless Power Transmission for Zero-Energy Sensor Networks on the	C3 IAF SPACE POWER SYMPOSIUM	International Space Univeristy	France
Sarisha	Harrylal	flow characterisation of a cots breather valve for use in sounding rocket compartment venting	C4 IAF SPACE PROPULSION SYMPOSIUM	University of KwaZulu-Natal (UKZN)	South Africa
Lev	Scherbakov	Optical diagnostics of discharge in plasma thruster with closed ring-shaped gas discharge chamber	C4 IAF SPACE PROPULSION SYMPOSIUM	Bauman Moscow State Technical University	Russian Federation
Joel Jia Le	Tan	Simulation-based Design of an Additively Manufactured Bi-liquid Rocket Engine Coaxial Swirl Injector	C4 IAF SPACE PROPULSION SYMPOSIUM	ETH Zurich	Switzerland

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Luis Fernando	Favian Curiel	orbital reconfigurable infrastructure & operations node	D1 IAF SPACE SYSTEMS SYMPOSIUM	Universidad La Salle	Mexico
Pablo	Sueiro Martinez	Modeling and Trade Studies for a Serviceable LEO Space Data Center with Replaceable Compute ORUs	D1 IAF SPACE SYSTEMS SYMPOSIUM	University of Vigo	Spain
Leonardo Mari	Festa	From Strategic Technology Gaps to Architectural Trade-Offs: An Integrated Systems Engineering Framework	D1 IAF SPACE SYSTEMS SYMPOSIUM	Politecnico di Torino	Italy
Tengjie	Zheng	Transformers Enable Rapid Aerodynamic Model Identification for Launch Vehicles with Actuator Dynamics	D2 IAF SPACE TRANSPORTATION SOLUTIONS AND INNOVATIONS SYMPOSIUM	Beihang University (BUAA)	China
Junesuk	Kim	Reinforcement Learning-Based Optimal Control Allocation for Over-Actuated Reusable Launch Vehicles	D2 IAF SPACE TRANSPORTATION SOLUTIONS AND INNOVATIONS SYMPOSIUM	Seoul National University	Republic of Korea
Melek Cevşen	Yücel	Sensitivity and Uncertainty Quantification of Atmospheric Re-entry Trajectories for Space Transportation Safety Assessment	D2 IAF SPACE TRANSPORTATION SOLUTIONS AND INNOVATIONS SYMPOSIUM	Ankara Yıldırım Beyazıt University	Türkiye
Ayşen	Başkan	Active Electrostatic Dust Shielding and Detection System Design For Sustainability in Lunar Surface Exploration	D3 24th IAA SYMPOSIUM ON BUILDING BLOCKS FOR FUTURE SPACE EXPLORATION AND DEVELOPMENT	Karadeniz Technical University	Türkiye
Ricard	Marsal I Castan	Comparative Analysis of High-Level versus Discrete Thruster Control Architectures for Autonomous Free-Flyers GNC Tasks	D3 24th IAA SYMPOSIUM ON BUILDING BLOCKS FOR FUTURE SPACE EXPLORATION AND DEVELOPMENT	University of Luxembourg	Luxembourg
Parisa	Haji	lunar triplet metropolis: a multi-sector buried city for permanent human settlement on the moon	D3 24th IAA SYMPOSIUM ON BUILDING BLOCKS FOR FUTURE SPACE EXPLORATION AND DEVELOPMENT	Matrix Gemini	Canada
Rivaldo Carlos	Duran-Aquino	A Small-Spacecraft Interstellar Mission to Proxima Centauri	D4 24th IAA SYMPOSIUM ON VISIONS AND STRATEGIES FOR THE FUTURE	Universidad Nacional Mayor de San Marcos	Peru
Pengyu	Sun	An Energy-Aware Theta* Based Optimal Energy Consumption Path Planning Method for Lunar Rover	D4 24th IAA SYMPOSIUM ON VISIONS AND STRATEGIES FOR THE FUTURE	Northwestern Polytechnical University; National Key Laboratory of Aerospace Flight Dynamics	China
Hongyuan	Mei	research on design constraints of the manned unit of the international lunar research station	D4 24th IAA SYMPOSIUM ON VISIONS AND STRATEGIES FOR THE FUTURE	Harbin Institute of Technology	China
Anh	Truong	AI-Powered Space Mission Risk Prediction: Advances in Adaptive Decision-Making, Explainability, and Ethical	D5 59th IAA SYMPOSIUM ON SAFETY, QUALITY AND KNOWLEDGE MANAGEMENT IN SPACE ACTIVITIES	University of Northampton	United Kingdom
Ilkin	Abdullayev	Autonomous Multi-Agent Knowledge Systems for Deep Space Exploration Under Communication Delays	D5 59th IAA SYMPOSIUM ON SAFETY, QUALITY AND KNOWLEDGE MANAGEMENT IN SPACE ACTIVITIES	Azerbaijan State Oil and Industry University (SABAH Groups)	Azerbaijan
Elnur	Huseynov	Bridging Engineering and Operations: A Hybrid Knowledge Management Platform Architecture for NewSpace	D5 59th IAA SYMPOSIUM ON SAFETY, QUALITY AND KNOWLEDGE MANAGEMENT IN SPACE ACTIVITIES	Istanbul Technical University	Türkiye
Shreya	Ballolli	An Automation Architecture for Real-Time Traceability and Rapid Space System Certification Workflows	D6 IAF SYMPOSIUM ON COMMERCIAL SPACEFLIGHT SAFETY ISSUES	Aerione Bharat	India
Tori	Murray	De-Risking Spacecraft Returns - Assuring Airspace Situational Awareness Through Hyperdynamic Multispectral Sensing.	D6 IAF SYMPOSIUM ON COMMERCIAL SPACEFLIGHT SAFETY ISSUES	Southern Launch	Australia
Robert	Lynn	Revisiting the Imagined Futures of British Spaceports	D6 IAF SYMPOSIUM ON COMMERCIAL SPACEFLIGHT SAFETY ISSUES	University of Edinburgh	United Kingdom
Rishav	Adhikari	NepaliSat-2: A Framework for Institutional Knowledge Retention and Sustainable Space Capacity in Nepal	E1 IAF SPACE EDUCATION AND OUTREACH SYMPOSIUM	Nepal Space Foundation	Nepal
Ruchira	Huchgol	Project Roadmap: Fostering Societal Engagement for Deep Space Exploration through a Global Communication	E1 IAF SPACE EDUCATION AND OUTREACH SYMPOSIUM	International Space University (ISU)	France
Uma	Cladellas	Building an inclusive global space workforce: Lessons from the Women4Space Mentoring Programme	E1 IAF SPACE EDUCATION AND OUTREACH SYMPOSIUM	International Space University (ISU)	Spain
Panagiotis	Rallis	Multiobjective Optimization of Rover Wheel–Soil Interaction Using Hybrid SPH–FEM Numerical Analysis	E2 54th IAF STUDENT CONFERENCE	Beyond Orbit	Greece
Ibaad	Abro	Design and Validation of a Lab-Scale Martian Atmospheric Simulation Chamber	E2 54th IAF STUDENT CONFERENCE	University of British Columbia	Canada

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Şahizer	Aksoy	A Data-Driven Model of LEO Spectrum Saturation and Equity Implications	E3 39th IAA SYMPOSIUM ON SPACE POLICY, REGULATIONS AND ECONOMICS	Karamanoğlu Mehmetbey University (KMU)	Türkiye
Iago	Bojczuk	Digital Infrastructure for Space (DI4Space): The Rise of the Ground Segment as a Service Model	E3 39th IAA SYMPOSIUM ON SPACE POLICY, REGULATIONS AND ECONOMICS	University of California, Berkeley	United States
Emmanuel	Githinji	A Novel Framework for Measuring and Promoting Equitable Access to Space Resources and Opportunities	E3 39th IAA SYMPOSIUM ON SPACE POLICY, REGULATIONS AND ECONOMICS	Technical University of Kenya	Kenya
Jeng-Shing (Re)	Chern	Acta Astronautica: 70th anniversary with 70 years of excellence	E4 60th IAA HISTORY OF ASTRONAUTICS SYMPOSIUM	International Academy of Astronautics (IAA)	Canada
Mollie	Johnson	A Characterization of Interplanetary Extended Missions	E4 60th IAA HISTORY OF ASTRONAUTICS SYMPOSIUM	Massachusetts Institute of Technology (MIT)	United States
Yaoyao	Lu	Revisiting the Post-Colonial Foundations of Space Law: Historical Legacies and Transformations in the New Space Era	E4 60th IAA HISTORY OF ASTRONAUTICS SYMPOSIUM	The University of Hong Kong	Hong Kong SAR, China
Armin	Ernst	Project Aurora – The Impact of Adaptive Lighting on the Psychological Well-being and Stress Levels of Analog	E5 37th IAA SYMPOSIUM ON SPACE AND SOCIETY	Wrocław University of Science and Technology	Poland
Montserrat	Ochoa-Altamira	from border to border: an emerging national model for knowledge transfer from space r&d to indigenous and	E5 37th IAA SYMPOSIUM ON SPACE AND SOCIETY	Universidad Nacional Autónoma de México (UNAM)	Mexico
Yaokun	Liu	Lunar Dome: A Mission-Oriented Architectural Design and Spatial Strategy for the Crewed Lunar Research Station	E5 37th IAA SYMPOSIUM ON SPACE AND SOCIETY	Harbin Institute of Technology	China
Farouk	Abdulhamid	Factory in Space: A Sustainable Business Model for an on-Orbit Factory	E6 IAF BUSINESSES AND INNOVATION SYMPOSIUM	Politecnico di Milano	Italy
Ruchi	Nema	Building the Post ISS Economy: Government, Industry, and the Future of Commercial Stations	E6 IAF BUSINESSES AND INNOVATION SYMPOSIUM	Space Exchange	United Kingdom
Fernando	Vargas Rodriguez	Resources for Reutilisation and Recycling of Spacecraft Systems in GEO	E6 IAF BUSINESSES AND INNOVATION SYMPOSIUM	Cranfield University, UK	United Kingdom
Adrian	Kaczmarek	Outer Space Needs More Rule of Law: Rethinking Hard and Soft Law-Making through COPUOS in New Space Governance	E7 69th IISL COLLOQUIUM ON THE LAW OF OUTER SPACE	Adam Mickiewicz University	Poland
Resham	Chhabra	Space Tourism: Legal Challenges in the Offing	E7 69th IISL COLLOQUIUM ON THE LAW OF OUTER SPACE		India
Weronika	Krzyżak	Legal Protection of AI-Enhanced Earth Observation Data: Copyrightability in the Age of Artificial Intelligence	E7 69th IISL COLLOQUIUM ON THE LAW OF OUTER SPACE	Space Generation Advisory Council (SGAC)	Poland
Cláudia	Faria	An Analysis of Current Risk Assessment and Validation Techniques for Secure Space Systems and Their Security	E9 IAF SYMPOSIUM ON SECURITY, STABILITY AND SUSTAINABILITY OF SPACE ACTIVITIES	Universidade do Minho	Portugal
Victoria	Valdivia	Who Pays When Space Debris Falls? Liability, Attribution, and International Security Risks of Uncontrolled Space Debris	E9 IAF SYMPOSIUM ON SECURITY, STABILITY AND SUSTAINABILITY OF SPACE ACTIVITIES	European Space Policy Institute (ESPI)	Chile
Samin	Zaman	A Framework for Modelling On-Board Autonomous AI Agents as Insider Threats on Deep Space Missions	E9 IAF SYMPOSIUM ON SECURITY, STABILITY AND SUSTAINABILITY OF SPACE ACTIVITIES	University of Alberta	Canada
Merve Nur	YAŞAR	Political Instability and Institutional Resilience: The Buffering Role of Interconnectedness in Emerging Space Ecosystems	E11 IAF SYMPOSIUM ON EMERGING SPACE ECOSYSTEMS	Ondokuz Mayıs University	Türkiye
Julia	Alvarez Vallero	Young Professionals in South America: Expectations for Career Growth and Regional Development in the Space Sector	E11 IAF SYMPOSIUM ON EMERGING SPACE ECOSYSTEMS	University of Texas at Arlington	United States
Osvaldo	Porto	Closing Connectivity Gaps in Africa's Emerging Space Ecosystems: A Case Study of Connect Angola Enabled by	E11 IAF SYMPOSIUM ON EMERGING SPACE ECOSYSTEMS	Angolan National Space Program Management Office (GGPEN)	Angola