

Firstname	Lastname	IP ID	PosterTitle	Country	spName	spCaption	Date	Time	Screen number
	Fraboni	88200	Wound healing real time monitoring multi-sensing electronics		A1	IAF/IAA SPACE LIFE SCIENCES	2024-10-14	12:30-12:40	01
Ulviyya	Najafli	87155	Extraterrestrial glaciers:The Solar System Oceans - Formation, Biological Potential.	Azerbaijan	A1	IAF/IAA SPACE LIFE SCIENCES	2024-10-14	12:40-12:50	01
Nailil	Husna	85125	Integrated Transcriptomic Analysis of Mouse Tissue During Spaceflight Mission	Japan	A1	IAF/IAA SPACE LIFE SCIENCES	2024-10-14	12:50-13:00	01
Shabnam	Ibrahimova	88932	psychological challenges of space travel	Azerbaijan	A1	IAF/IAA SPACE LIFE SCIENCES	2024-10-14	13:00-13:10	01
LUISA	GARCIA ROJAS	85889	Nutritional countermeasures against immune system dysregulation caused by oxidative stress in microgravity and ionizing radiation in long-term spaceflights	Mexico	A1	IAF/IAA SPACE LIFE SCIENCES	2024-10-14	13:10-13:20	01
Sara	Mammadova	89251	Human physiology in space	Azerbaijan	A1	IAF/IAA SPACE LIFE SCIENCES	2024-10-14	13:20-13:30	01
Carmen	Possnig	87036	Understanding mechanisms and unveiling countermeasures for the bedrest-induced decrease in cerebral blood flow	Austria	A1	IAF/IAA SPACE LIFE SCIENCES	2024-10-14	12:30-12:40	02
Rochelle	Velho	83194	Space Weather Mitigation: A Multidisciplinary Proposal for Enhanced Astronaut Radiation Protection		A1	IAF/IAA SPACE LIFE SCIENCES	2024-10-14	12:40-12:50	02
Aagam	Jain	85932	Exploring the Impact of Jain Meditation on Astronauts' Mental Well-being for Extended Isolation Space Missions	India	A1	IAF/IAA SPACE LIFE SCIENCES	2024-10-14	12:50-13:00	02
Martyna	Baran	91170	Probing Eye Adaptation in Analog Mission Environments		A1	IAF/IAA SPACE LIFE SCIENCES	2024-10-14	13:00-13:10	02
Uma	Cladellas Saniuan	91766	Illuminating Life's Origins: The LEOrigin Space Experiment		A1	IAF/IAA SPACE LIFE SCIENCES	2024-10-14	13:10-13:20	02
Alexandre	Mencik	81084	Exploring the Intersection Between Space and Life Sciences	Belgium	A1	IAF/IAA SPACE LIFE SCIENCES	2024-10-14	13:20-13:30	02
Chinmayee	Govinda Rai	87943	Advancing Lunar Biology: Testing and Integrating a Microbial Vessel for Enhanced Electrochemical and Optical Measurements in Space Exploration	United States	A1	IAF/IAA SPACE LIFE SCIENCES	2024-10-14	12:30-12:40	03
Aylin	Quliyeva	85211	Real heroes that exist in our world	Azerbaijan	A1	IAF/IAA SPACE LIFE SCIENCES	2024-10-14	12:40-12:50	03
CHUKWUE MEKA	UKAGA	88370	Meta-Analysis on the Benefits of Light Therapy and Integrated Lighting Systems on Human Health, Well-Being, and Psychological Performance in Extreme Environment Architecture	United States	A1	IAF/IAA SPACE LIFE SCIENCES	2024-10-14	12:50-13:00	03
Qönçə	Yusifova	85040	Post-flight rehabilitation of astronauts	Azerbaijan	A1	IAF/IAA SPACE LIFE SCIENCES	2024-10-14	13:00-13:10	03
Aylin	Quliyeva	90157	Heroes conquering interstellar space	Azerbaijan	A1	IAF/IAA SPACE LIFE SCIENCES	2024-10-14	13:10-13:20	03
Madiha	Rasheed	81911	Exploring microRNA-206-3p as a Biomarker in Spaceflight-Induced Depression: A Neurobiological Perspective	China	A1	IAF/IAA SPACE LIFE SCIENCES	2024-10-14	13:20-13:30	03
Gabriel G.	De la Torre	91105	Extravehicular Activity (EVA) under pressure. Simulated emergency scenarios during EVA in Space Analogs.	Spain	A1	IAF/IAA SPACE LIFE SCIENCES	2024-10-14	12:30-12:40	04
Sandra	Faragalla	88225	Biomechanics Stability Assessment of a Passive Vibration Isolation and Stabilization Analog Design For Exploration Exercise Devices	United States	A1	IAF/IAA SPACE LIFE SCIENCES	2024-10-14	12:40-12:50	04
Khushi	Daga	82074	The Impact of Prebiotic Molecules on Inorganic Silica Deposition and its Significance for the Identification of Putative Biomarkers on Mars.	Australia	A1	IAF/IAA SPACE LIFE SCIENCES	2024-10-14	12:50-13:00	04
Sara	Gonzalez-Torre	91143	Open vs Closed Space Analogs. Does EVA make a difference?	Spain	A1	IAF/IAA SPACE LIFE SCIENCES	2024-10-14	13:00-13:10	04

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Katherine	Maguire	81280	palm cooling for heat mitigation		A1	IAF/IAA SPACE LIFE SCIENCES	2024-10-14	13:10-13:20	04
Emma	Chabani	89240	ÉOS: The Optimal Recovery Experience	France	A1	IAF/IAA SPACE LIFE SCIENCES	2024-10-14	13:20-13:30	04
Julio Abraham	Rizo Churane	83405	Thermodynamic and biophysical effects of extreme conditions on analog astronauts in the astroland interplanetary habitat: a study of the first latin american analog mars research	Mexico	A1	IAF/IAA SPACE LIFE SCIENCES	2024-10-14	12:30-12:40	05
Dirk	Neefs	88911	dental guidelines for astronauts on short- and long term missions : a scopic review		A1	IAF/IAA SPACE LIFE SCIENCES	2024-10-14	12:40-12:50	05
Klaudia Vivien	Nagy	86607	Physical preparation for spaceflight – Results of the half year training program of the HUNOR - “Hungarian to Orbit” astronaut candidates	Hungary	A1	IAF/IAA SPACE LIFE SCIENCES	2024-10-14	12:50-13:00	05
Fay	Ghani	81800	The development and formation of blood malignancies in astronauts and space travelers as a result of cosmic radiation during deep space travel	United States	A1	IAF/IAA SPACE LIFE SCIENCES	2024-10-14	13:10-13:20	05
Valentina	Sumini	85697	Radiation Protection by Design strategy for Lunar Habitats		A1	IAF/IAA SPACE LIFE SCIENCES	2024-10-14	13:20-13:30	05
Konstantin	Chterev	81657	deep space fine - a qualitative study on extreme environment habitat design and crew well-being	United Kingdom	A1	IAF/IAA SPACE LIFE SCIENCES	2024-10-14	12:30-12:40	06
Agata	Mintus	85805	LunAres Research Station Database 2021-2023 from the analog research and mission simulations - report on the development of the database, conditions and availability	Poland	A1	IAF/IAA SPACE LIFE SCIENCES	2024-10-14	12:40-12:50	06
Vusale	Kazimova	90383	Space physiotherapy	Azerbaijan	A1	IAF/IAA SPACE LIFE SCIENCES	2024-10-14	12:50-13:00	06
Suchayaa	kritsabannarat	85501	The Effect of simulated microgravity by Clinostat on the stability of circular DNA and circular mRNA		A1	IAF/IAA SPACE LIFE SCIENCES	2024-10-14	13:20-13:30	06
Francesco	Tripoli	83272	Acute cardiovascular response to gravity changes: a multiscale mathematical model for microgravity and hypergravity applications	Italy	A1	IAF/IAA SPACE LIFE SCIENCES	2024-10-14	12:30-12:40	07
Jesper	Mølgaard	91270	Exploring microgravity induced changes to the coagulation system using thromboelastometry		A1	IAF/IAA SPACE LIFE SCIENCES	2024-10-14	12:40-12:50	07
Nijanthan	Vasudevan	82512	CASSINI: advancing astrobiology with integrative robotics & artificial intelligence	United States	A1	IAF/IAA SPACE LIFE SCIENCES	2024-10-14	12:50-13:00	07
Alexis Uriel	Barbosa	88588	production and stimulation of interleukin-2 through transgenesis as a pro-immunological therapeutic	Mexico	A1	IAF/IAA SPACE LIFE SCIENCES	2024-10-14	13:10-13:20	07
Claudio	Maccone	83121	Mathematical Astrobiology: The Statistical Drake equation solved in 50 steps by Maccone’s lognormal method	Italy	A1	IAF/IAA SPACE LIFE SCIENCES	2024-10-14	13:20-13:30	07
Marta	Del Bianco	87291	Extra-Virgin Olive Oil as a countermeasure for the effects of space on human health		A1	IAF/IAA SPACE LIFE SCIENCES	2024-10-14	12:30-12:40	08
Daniel	Cieslak	87952	Investigating the Modulation of Blood Flow by Electromagnetic Fields in Hyper and Microgravity Conditions for Space Medicine Applications		A1	IAF/IAA SPACE LIFE SCIENCES	2024-10-14	12:40-12:50	08
Catherine	Taylor	87825	Impact of Isolation/Confinement (IC) Stress on Human Biophysiology: A Multiomic Analysis	Canada	A1	IAF/IAA SPACE LIFE SCIENCES	2024-10-14	12:30-12:40	09
Monica	Monici	85618	Isolation and confinement in space and underwater missions		A1	IAF/IAA SPACE LIFE SCIENCES	2024-10-14	12:50-13:00	09
Jaume	Puig	91806	Escherichia coli Survival and Adaptation in Simulated Spaceflight Conditions		A1	IAF/IAA SPACE LIFE SCIENCES	2024-10-14	13:10-13:20	09
Davide	De Pietri Tonelli	85473	AstRNAuts: Monitoring space-induced stress by small RNAs in body fluids	Italy	A1	IAF/IAA SPACE LIFE SCIENCES	2024-10-14	13:20-13:30	09

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Nykoda	Cooper	90629	Neurodiversity in Space, Industry and Beyond	Canada	A1	IAF/IAA SPACE LIFE SCIENCES	2024-10-14	12:30-12:40	10
Elisa	Scatena	85441	the potential role of biomedical lab-on-chip for human space exploration		A1	IAF/IAA SPACE LIFE SCIENCES	2024-10-14	12:50-13:00	10
Susan	Ip-Jewell	84444	SpaceGuardian-GPT	United States	A1	IAF/IAA SPACE LIFE SCIENCES	2024-10-14	13:10-13:20	10
Kamran	Mahmudov	85931	navigating musculoskeletal challenges in space exploration: mechanisms, interventions, and future directions	Azerbaijan	A1	IAF/IAA SPACE LIFE SCIENCES	2024-10-14	12:40-12:50	11
Alessandro	Bartoloni	89650	Synergistic Advances in Space Radiation Health Effects: Collaborative Insights from AMS Roma Sapienza and Medical Physics Division of IRCCS University Hospital of Bologna	Italy	A1	IAF/IAA SPACE LIFE SCIENCES	2024-10-14	13:00-13:10	11
Ruby	Patterson	81009	Determining Ages of Rocks Accessible within the Artemis Exploration Zone	United States	A3	IAF SPACE EXPLORATION	2024-10-14	12:30-12:40	12
Abhay Kaushik	Nudurupati	84161	Numerical Analysis of Ground Effect Interaction for Rotational Systems in Martian Atmosphere	India	A3	IAF SPACE EXPLORATION	2024-10-14	12:40-12:50	12
HAMZA	MAHDI	83743	A Modular Nucleic Acid Extraction and Analysis System for Extraterrestrial Exploration	Canada	A3	IAF SPACE EXPLORATION	2024-10-14	12:50-13:00	12
Fakhri	Amanov	85872	Surviving Mars: Challenges of a Sustainable Outpost	Azerbaijan	A3	IAF SPACE EXPLORATION	2024-10-14	13:00-13:10	12
Petr	Bohacek	89765	Lunar Mapper and Inspector (LUMI): Small Mission for South Pole Exploration	Czech Republic	A3	IAF SPACE EXPLORATION	2024-10-14	13:10-13:20	12
M.omar	ALBALBAK I	82632	advancing planetary surface exploration through lidar-rgb fusion for safe and efficient cave exploration	Jordan	A3	IAF SPACE EXPLORATION	2024-10-14	13:20-13:30	12
Grégoire	chabrol	90991	Impact of nanoparticles during the experimental study of selected laser melting processes of regolith simulants for celestial applications	France	A3	IAF SPACE EXPLORATION	2024-10-14	12:30-12:40	13
Antonio	Rizza	86660	Modular pipeline for Small Bodies gravity field modeling: enhancing accuracy and efficiency for proximity operations	Italy	A3	IAF SPACE EXPLORATION	2024-10-14	12:40-12:50	13
Giuseppe	Puleo	90625	Preliminary Design of Mini-Rovers in Swarm Configuration for a Moon In-Situ Resource Utilization Mission	Italy	A3	IAF SPACE EXPLORATION	2024-10-14	12:50-13:00	13
Roberto	Capasso	85319	vespucci mission: unveiling cometary secrets via drilling and cryogenic sample return	Italy	A3	IAF SPACE EXPLORATION	2024-10-14	13:00-13:10	13
Süleyman	Salihler	87845	Innovative Regolith Transport Systems for Extreme Lunar and Space Conditions	Türkiye	A3	IAF SPACE EXPLORATION	2024-10-14	13:10-13:20	13
Zhonghuai	Yan	84063	Automatic landing-information-based reconstruction of internal structure for small bodies: MMX case	China	A3	IAF SPACE EXPLORATION	2024-10-14	13:20-13:30	13
Carmine	Buonagura	85630	A Survey of Gravitational Modeling Techniques for Minor Body Proximity Operations	Italy	A3	IAF SPACE EXPLORATION	2024-10-14	12:30-12:40	14
Samuele	Labò	90773	Infrared Vision-based Navigation for Planetary Landing	Italy	A3	IAF SPACE EXPLORATION	2024-10-14	12:40-12:50	14
Diana	Aljbour	89783	enhanced and efficient propulsion system design for moon vehicles for transportation across moon's surface	Jordan	A3	IAF SPACE EXPLORATION	2024-10-14	12:50-13:00	14
Junyi	Wang	84026	Research on the Mars rover-quadrotor combined detection system based on data-driven control	China	A3	IAF SPACE EXPLORATION	2024-10-14	13:00-13:10	14
Cristina	Pérez Ramos	91275	Towards autonomous navigation guided by natural landmarks on the Moon.	Mexico	A3	IAF SPACE EXPLORATION	2024-10-14	13:10-13:20	14

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Andre	Fonseca Prince	88856	Preliminary study on how an autonomous robotic system can impact the crew time during plant cultivation on the lunar surface	Germany	A3	IAF SPACE EXPLORATION	2024-10-14	13:20-13:30	14
Linda	Misercola	90911	Relevant Environment Testing of Hydroponic Cultivation System in Cave Analog Mission: Insight from the GFA Project	Italy	A3	IAF SPACE EXPLORATION	2024-10-14	12:30-12:40	15
Maxim	Isachenkov	84077	Enhancing Additive Manufacturing of Lunar Regolith Ceramics through Magnetic Beneficiation	Italy	A3	IAF SPACE EXPLORATION	2024-10-14	12:40-12:50	15
Francisco J.	Guerrero-Gonzalez	83036	Advancing Molten Salt Electrolysis for Lunar ISRU: Material Challenges, Testing, and Scalability Perspectives	Germany	A3	IAF SPACE EXPLORATION	2024-10-14	12:50-13:00	15
Toghrul	Guluzade	85538	Building Resilient Networks on Mars: Strategies for Enhanced Intra-Planetary and Interplanetary Connectivity	Azerbaijan	A3	IAF SPACE EXPLORATION	2024-10-14	13:00-13:10	15
Henry Alejandro	Flores	84330	design and performance analysis of lightweight composite wheels for the peekbot lunar rover	Canada	A3	IAF SPACE EXPLORATION	2024-10-14	13:10-13:20	15
Olasunkanmi	Oladejo	82010	Asteroid Space Resources Mapping and Exploitation: A Mission Concept Approach	Nigeria	A3	IAF SPACE EXPLORATION	2024-10-14	13:20-13:30	15
Hyunwoo	Jin	81351	Cosmic ray shielding performance evaluation of microwave sintered KLS-1 lunar regolith simulant blocks	Korea, Republic	A3	IAF SPACE EXPLORATION	2024-10-14	12:30-12:40	16
Rivaldo Carlos	Duran Aquino	83072	Mars Cave Research Station: Principia Mission	Peru	A3	IAF SPACE EXPLORATION	2024-10-14	12:40-12:50	16
senthil Kumar	subramanian	83004	Experiment on plume regolith interaction in Martian atmospheric conditions	United Kingdom	A3	IAF SPACE EXPLORATION	2024-10-14	12:50-13:00	16
SHAMBHAVI	A S	81773	Unravelling Lunar Mysteries Through Wavelet Analysis of Apollo Seismic Data	India	A3	IAF SPACE EXPLORATION	2024-10-14	13:00-13:10	16
Prabhanjan	Manjunath	84176	Innovative Strategies for Martian Exploration: Aerodynamic Analysis of Swarm UAVs for Enhanced Remote Sensing	India	A3	IAF SPACE EXPLORATION	2024-10-14	13:10-13:20	16
SHAMBHAVI	A S	82233	AVSAROM : Autonomous Decision-Making Swarm UAVs for Mars Exploration.	India	A3	IAF SPACE EXPLORATION	2024-10-14	13:20-13:30	16
Katja	Grünfeld	85332	Drones in Space Settlements: New Regulation or Old?	Slovenia	A3	IAF SPACE EXPLORATION	2024-10-14	12:30-12:40	17
Mauro	Franqueira	89325	Novel Methodologies in the Quest for Life: Robotic Exploration of the Ocean World Enceladus	Portugal	A3	IAF SPACE EXPLORATION	2024-10-14	12:40-12:50	17
Giulia	Pascuzzi	87401	The Lunar Chessboard: Assessing Diplomatic Strategies in the New Space Age	Italy	A3	IAF SPACE EXPLORATION	2024-10-14	12:50-13:00	17
Katherine	Addo	91651	Selecting the most promising Lunar Oxygen Extraction from Regolith technology		A3	IAF SPACE EXPLORATION	2024-10-14	13:00-13:10	17
SHIVAM	SAXENA	87112	Correlation of Occurrence of Dust Devils with Martian Dichotomy and their varying nature with Mars's Crustal Magnetic Field & applicability in Future Mars Missions	India	A3	IAF SPACE EXPLORATION	2024-10-14	13:10-13:20	17
Gautier	Bardi de Fourtou	86021	Digital twin and physics informed machine learning for rover motion simulation	United States	A3	IAF SPACE EXPLORATION	2024-10-14	13:20-13:30	17
Achille	Chiuchiarelli	84000	Towards Safer Planetary Exploration:\\ A Hybrid Architecture for Terrain Traversability Analysis in Mars Rovers	Italy	A3	IAF SPACE EXPLORATION	2024-10-14	12:30-12:40	18
Ernesto	Palomba	87517	movida, a microbalance system to detect volatiles and monitor charging processes of lunar dust	Italy	A3	IAF SPACE EXPLORATION	2024-10-14	12:40-12:50	18
Carlos Manuel	Breña Morales	85769	C.A.R.V.E.R	Mexico	A3	IAF SPACE EXPLORATION	2024-10-14	12:50-13:00	18

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Shayla	Viet	89015	Detecting solar energetic particle events and their impacts on Mars with the SWEET algorithm	Norway	A3	IAF SPACE EXPLORATION	2024-10-14	13:00-13:10	18
Aygul	Aliyeva	87561	Exploring martian sedimentary rocks: insights into the red planet's geological history	Azerbaijan	A3	IAF SPACE EXPLORATION	2024-10-14	13:10-13:20	18
Damian Iosue	Guerra Guerra	87914	We Sent a Drone to Mars, but Did We Choose the Right One? An Analysis of Various Drone Configurations and Their Viability and Applicability for Martian Exploration Missions	Russian Federation	A3	IAF SPACE EXPLORATION	2024-10-14	13:20-13:30	18
Erin	Kennedy	87276	Atmosphinder Robot - Functional Prototype and System Design	Canada	A3	IAF SPACE EXPLORATION	2024-10-14	12:30-12:40	19
Erin	Kennedy	87267	Atmosphinder Robot - Testing and Results at the Mars Desert Research Station	Canada	A3	IAF SPACE EXPLORATION	2024-10-14	12:40-12:50	19
Yaqoob	Alqassab	86661	A New Type of a Nano Lunar Rover Structure Utilizing Carbon Fiber Reinforced Polymer	Bahrain	A3	IAF SPACE EXPLORATION	2024-10-14	12:50-13:00	19
Thomas	Heath	87191	Towards a sustainable Lunar economy: system architecture analysis for Lunar communication and navigation infrastructure	United Kingdom	A3	IAF SPACE EXPLORATION	2024-10-14	13:00-13:10	19
Diego	Cagna	89304	Space Accessories for Lunar Mobility and Exploration Vehicle	Italy	A3	IAF SPACE EXPLORATION	2024-10-14	13:10-13:20	19
Mayuko	Shinohara	86007	Lunar Water Analysis Module with Direct Measurement	Japan	A3	IAF SPACE EXPLORATION	2024-10-14	13:20-13:30	19
Daniele	Pice	89091	Lunar Transfer Trajectories to Quasi-Stable Distant Retrograde Orbits Using Indirect Optimization Method	Italy	A3	IAF SPACE EXPLORATION	2024-10-14	12:30-12:40	20
Alessandro	Nitti	89090	Minimum-Propellant Optimal Trajectories for the De-Orbiting of Decommissioned Satellites in Lunar Polar Graveyard Regions	Italy	A3	IAF SPACE EXPLORATION	2024-10-14	12:40-12:50	20
Charles	Yana	90229	MicroLIBS: Elemental micro-mapping for planetary exploration	France	A3	IAF SPACE EXPLORATION	2024-10-14	12:50-13:00	20
Neal Y.	Lii	90134	Everything Is Awesome If You Are Part of a (Robotic) Team: Preliminary Insights from the First ISS-to-Surface Multi-Robot Collaboration with Scalable Autonomy Teleoperation	Germany	A3	IAF SPACE EXPLORATION	2024-10-14	13:00-13:10	20
Margherita Maria	Revellino	84247	From RTGs to MEGSat: advancing power generation for future Mars habitats	Italy	A3	IAF SPACE EXPLORATION	2024-10-14	13:10-13:20	20
Liangna	Fu	83975	An Adaptive Spoked Wheeled Asteroid Surface Rover	China	A3	IAF SPACE EXPLORATION	2024-10-14	13:20-13:30	20
Mariangela	Testa	91261	MONARCH: Designing Mars' First Meteorological Observation Network for Future Human Exploration	Italy	A3	IAF SPACE EXPLORATION	2024-10-14	12:30-12:40	21
Diego	Scaccabarozzi	87719	MiLi Project, thermo-mechanical design of a miniaturized lidar for Mars advanced atmospheric research		A3	IAF SPACE EXPLORATION	2024-10-14	12:40-12:50	21
Zhe	Yang	87259	rapid autonomous navigation method for hopping movement on the surface of small bodies	China	A3	IAF SPACE EXPLORATION	2024-10-14	12:50-13:00	21
Charles	Yana	91403	WISDOMOON: An innovative GPR for lunar missions	France	A3	IAF SPACE EXPLORATION	2024-10-14	13:00-13:10	21
Goruputi	Chaitanya	89985	CHANDRAYAAN-3 POWER DESCENT 6DOF SIMULATION SOFTWARE	India	A3	IAF SPACE EXPLORATION	2024-10-14	13:10-13:20	21
Fatema	Al Hameli	85926	the emirates mission to the asteroid belt: an overview of the flight dynamics system	United Arab	A3	IAF SPACE EXPLORATION	2024-10-14	13:20-13:30	21
Florence Pauline	Basubas	88409	Low-cost Payload for Space Biology Experiments in Parabolic Flights		A2	IAF MICROGRAVITY	2024-10-14	12:30-12:40	22

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M.omar	ALBALBAK I	82631	mathematical modeling and design of a 6-degree of freedom robot arm for microgravity applications.	Jordan	A2	IAF MICROGRAVITY	2024-10-14	12:40-12:50	22
Sanmathi Priva	Abiram Lakshmi	91864	Effects of Microgravity on Astronauts' Operation Performance and Spatial Awareness		A2	IAF MICROGRAVITY	2024-10-14	12:50-13:00	22
Rina	Choudhary	90291	Revolutionizing Protein Crystallization for In-Space Manufacturing: Microgravity's Influence on Fluid Dynamics, Experimental Techniques, and Biological Implications.	India	A2	IAF MICROGRAVITY	2024-10-14	13:00-13:10	22
Kevin	Jackson	90280	Cyber-Assured Space Internet Device (CASI-D)	United States	A2	IAF MICROGRAVITY	2024-10-14	13:10-13:20	22
Holly L.	Capelo	91799	Granular Shear-flow Instability in the Epstein Regime Under Microgravity Conditions		A2	IAF MICROGRAVITY	2024-10-14	13:20-13:30	22
Molly	Mulligan	89928	Biomanufacturing in Low Earth Orbit		A2	IAF MICROGRAVITY	2024-10-14	12:30-12:40	23
Shawna	Pandya	91053	In Space Opportunities for Biomedical Manufacturing Pharmaceutical Development, Biomanufacturing, and Additive Manufacturing	Canada	A2	IAF MICROGRAVITY	2024-10-14	12:40-12:50	23
Amin	Ahmadov	86898	Microgravity Experiments and Their Transformative Influence on Space Exploration: A Comprehensive Review of Current Progress and Future Prospects		A2	IAF MICROGRAVITY	2024-10-14	12:50-13:00	23
Telman	Mammadov	85033	Bridging the Cosmic Gap: Bioengineered Plants and Carbon Management in Microgravity		A2	IAF MICROGRAVITY	2024-10-14	13:00-13:10	23
Christopher	Hartney	83354	Hybrid Additively-Manufactured Satellite Technology Experiments (HASTE)	United States	A2	IAF MICROGRAVITY	2024-10-14	13:10-13:20	23
Seetha	Raghavan	91433	In-space manufacturing of functional sensors	United States	A2	IAF MICROGRAVITY	2024-10-14	13:20-13:30	23
Alissa J.	Haddaji	90674	The History of the Search for Life in the Universe - A Documentary	United States	A4	53rd IAA SYMPOSIUM ON	2024-10-14	12:30-12:40	24
Robert	Zubrin	82899	Artificial Singularity Power Engines: A Basis for Developing and Detecting Advanced Spacefaring Civilizations	United States	A4	53rd IAA SYMPOSIUM ON	2024-10-14	12:40-12:50	24
Clément	Vidal	90566	The Waste Scale of Civilizational Development	Belgium	A4	53rd IAA SYMPOSIUM ON	2024-10-14	12:50-13:00	24
Richard	Stanton	81012	Strange optical pulses in starlight from HD89389 and HD217014		A4	53rd IAA SYMPOSIUM ON	2024-10-14	13:00-13:10	24
Louisa	Mason	91827	Conducting High Frequency Radio SETI Searches using ALMA		A4	53rd IAA SYMPOSIUM ON	2024-10-14	13:10-13:20	24
Gabriel G.	De la Torre	81297	Galactic Cargo Cult	Spain	A4	53rd IAA SYMPOSIUM ON	2024-10-14	13:20-13:30	24
Samiksha	Raviraja	88503	The Discovery of Alien Life and How That could Impact Fundamental Human Beliefs, Societal Views and Philosophies	United Kingdom	A4	53rd IAA SYMPOSIUM ON	2024-10-14	12:30-12:40	25
Kate	Genevieve	88451	Perspectives on the Rights of the Moon from Oceania	United Kingdom	A4	53rd IAA SYMPOSIUM ON	2024-10-14	12:40-12:50	25
Samiksha	Raviraja	82395	Rapid Alien Language Categorization - Framework for the Time-sensitive Interpretation of Alien Communication for Intelligent Alien Life to Prevent Destruction to either Species	United Kingdom	A4	53rd IAA SYMPOSIUM ON	2024-10-14	13:20-13:30	25
Tomás Ignacio	Burroni	81518	UAV-Aided Martian Geolocation through Image Recognition	Spain	A5	27th IAA SYMPOSIUM ON	2024-10-14	12:30-12:40	26
Dagmara	Stasiowska	82866	Space bees - comparison of breeding methods and the top choice of species with the greatest potential to pollinate extraterrestrial crops	Poland	A5	27th IAA SYMPOSIUM ON	2024-10-14	12:40-12:50	26

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Yuying	Liang	83986	Which Are Better: Retrograde or Prograde Orbits from the Perspective of Planetary Mission Design	China	A5	27th IAA SYMPOSIUM ON	2024-10-14	13:20-13:30	26
Alonso	Viana Guzmán	86345	Compressive and tensile strength evaluation of a layered-material composed of lunar regolith simulant and epoxy resin for the construction of lunar settlements	Costa Rica	A5	27th IAA SYMPOSIUM ON	2024-10-14	12:30-12:40	27
Karla Fabiola	Mayo Sánchez	90923	Implementation of disruptive technologies in the design and modular operation of a greenhouse focused on a long-term lunar base	Mexico	A5	27th IAA SYMPOSIUM ON	2024-10-14	12:40-12:50	27
Arturo	Pulido Balderas	81449	Water in-Situ resource utilization for sustainable manned exploration of Mars	Mexico	A5	27th IAA SYMPOSIUM ON	2024-10-14	13:20-13:30	27
Aathira	Peedikaparambil	85042	Topographical data from space as elementary in planning design transformations for space habitats	United Kingdom	A5	27th IAA SYMPOSIUM ON	2024-10-14	12:30-12:40	28
Linda	Misercola	90587	The Hort3space Experiment: Hydroponic System for Life Support	Italy	A5	27th IAA SYMPOSIUM ON	2024-10-14	13:20-13:30	28
Shabadini	Sampath	82280	Deep Neural Network-based Robust Collision Avoidance Control of Space Manipulator for Active Debris Removal	United Kingdom	A6	22nd IAA SYMPOSIUM ON	2024-10-14	12:30-12:40	29
Lorenzo	Giudici	86889	Optimal active debris removal sequence identification through combined debris index analysis and long-term projection of the orbital environment	Italy	A6	22nd IAA SYMPOSIUM ON	2024-10-14	12:40-12:50	29
Martina	Rusconi	86639	Application of active feedback control for investigation of debris mitigation strategies on a density-based model of the population evolution		A6	22nd IAA SYMPOSIUM ON	2024-10-14	12:50-13:00	29
Tommy	Williamson	84923	multifidelity-based monte carlo for uncertainty quantification in space object re-entry simulation	United Kingdom	A6	22nd IAA SYMPOSIUM ON	2024-10-14	13:00-13:10	29
Giacomo	Sarcletti	89038	High-Fidelity Low-Earth Orbit Collision Avoidance Trajectories using bang-bang optimal control laws	Italy	A6	22nd IAA SYMPOSIUM ON	2024-10-14	13:10-13:20	29
Andre	Horstmann	86763	A New Compliance Verification Baseline And A First Look Into ESA's Upcoming MASTER Future Population	Germany	A6	22nd IAA SYMPOSIUM ON	2024-10-14	13:20-13:30	29
Roman	Prokazov	87349	efficient close-range navigation around a known uncooperative resident space object	Italy	A6	22nd IAA SYMPOSIUM ON	2024-10-14	12:30-12:40	30
Silvio	Di Rosa	87970	MezzoCielo: a novel type of wide Field of View telescope to detect and monitor space debris	Italy	A6	22nd IAA SYMPOSIUM ON	2024-10-14	12:40-12:50	30
Annarita	Argirò	88026	Catalogue-based Screening for In-orbit Proximity and Threat Detection	Italy	A6	22nd IAA SYMPOSIUM ON	2024-10-14	12:50-13:00	30
Tristan	Leuridan	85107	Sparse Identification and Prediction of Continuous	United Kingdom	A6	22nd IAA SYMPOSIUM ON	2024-10-14	13:00-13:10	30
Grace	Taylor	88785	Simulating Active Debris Removal Missions	United Kingdom	A6	22nd IAA SYMPOSIUM ON	2024-10-14	13:10-13:20	30
Laila	Kazemi	81077	Debris Detection Using Star Tracker Concept Verification		A6	22nd IAA SYMPOSIUM ON	2024-10-14	13:20-13:30	30
Eleni	Koumbarou	90555	From Space-Junk to Intellectual Treasure: Protecting IP Rights in Active Debris Removal	Greece	A6	22nd IAA SYMPOSIUM ON	2024-10-14	12:30-12:40	31
Eva Yi-Wei	Chang	89030	From space traffic management to space carrying capacity assessment and allocation: a potential solution	Korea, Republic	A6	22nd IAA SYMPOSIUM ON	2024-10-14	12:40-12:50	31
Roger	Gutierrez-Ramon	87269	Hitting a moving target – ADRAS-J launch targeting to rendezvous with a derelict resident space object	Japan	A6	22nd IAA SYMPOSIUM ON	2024-10-14	12:50-13:00	31
Muneeb	Arshad	91039	Collision Avoidance and Disturbance Minimization through Deep Reinforcement Learning Control of a Free-Floating Space Manipulator		A6	22nd IAA SYMPOSIUM ON	2024-10-14	13:00-13:10	31

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Gagandeep	Kaur	83346	Space Debris Impact Analysis for Lunar-Bound Spacecraft in LEO		A6	22nd IAA SYMPOSIUM ON	2024-10-14	13:10-13:20	31
Aleksander	Lidtke	87330	Supporting proximity operations by direct measurements of relative Servicer-Client state using resolved imagery	Japan	A6	22nd IAA SYMPOSIUM ON	2024-10-14	13:20-13:30	31
Arianna	Rigo	83205	PROP-SAFE: Empowering Space Mission Propagation with Personalized Solutions	Portugal	A6	22nd IAA SYMPOSIUM ON	2024-10-14	12:30-12:40	32
heng	jing	84974	An electrostatic interaction calculating method for a space non-cooperative target based on point clouds	China	A6	22nd IAA SYMPOSIUM ON	2024-10-14	12:40-12:50	32
Leonardo	Barilaro	83878	Cold-Welding in Space: ASTROBEAT's novel approach to spacecraft hull repair		A6	22nd IAA SYMPOSIUM ON	2024-10-14	12:50-13:00	32
Luigi	Gisolfi	85251	Fast characterization of in-orbit fragmentations		A6	22nd IAA SYMPOSIUM ON	2024-10-14	13:00-13:10	32
Aditya	Baraskar	91800	Simulation and Design of Laser-Based Satellite Detumbling and Debris Removal Methodology		A6	22nd IAA SYMPOSIUM ON	2024-10-14	13:10-13:20	32
Sophie	Förste	86690	A comprehensive assessment of rocket body related space debris and discussion of suitable means of risk reduction		A6	22nd IAA SYMPOSIUM ON	2024-10-14	13:20-13:30	32
Tatiana	Fontana	91582	Challenges of AI-based FDI for LEO Satellites in the context of debris reduction		A6	22nd IAA SYMPOSIUM ON	2024-10-14	12:30-12:40	33
yema	paul	90757	Robust metric for spacecraft collision risk estimation		A6	22nd IAA SYMPOSIUM ON	2024-10-14	12:40-12:50	33
Daniela	Bartková	85925	Event reconstruction of Long March 3B rocket stage re-entry observed by All-Sky Meteor Orbit System	Slovak Republic	A6	22nd IAA SYMPOSIUM ON	2024-10-14	12:50-13:00	33
Uzay	Tugcular	88833	Quadrant Analysis Method for Determining Optimum Thrust Direction in Collision Avoidance Maneuvers for LEO Satellites	Türkiye	A6	22nd IAA SYMPOSIUM ON	2024-10-14	13:00-13:10	33
David	Pérez López	82679	Exploring functional connections theory and linearized approaches in collision avoidance maneuver design: a comparative study	Spain	A6	22nd IAA SYMPOSIUM ON	2024-10-14	13:10-13:20	33
Yuto	Tamaki	82214	evaluation effect of harpoon tip shape that has many contact points for capturing space debris on penetration behavior		A6	22nd IAA SYMPOSIUM ON	2024-10-14	13:20-13:30	33
Claudia	Rodriguez	84002	structural analysis of the inflatable deployable booms in a deorbiting system for cubesats in leo	The Netherlan	A6	22nd IAA SYMPOSIUM ON	2024-10-14	12:30-12:40	34
Alan B.	Jenkin	85736	Search for MEO Long-Term Reentry Disposal Orbits near GPS With Reduced Reentry Casualty Risk		A6	22nd IAA SYMPOSIUM ON	2024-10-14	12:40-12:50	34
Daniel	Stumpf	88353	Planar Retroreflectors for Non-cooperative Object Tracking via Satellite Laser Ranging	The Netherlan	A6	22nd IAA SYMPOSIUM ON	2024-10-14	12:50-13:00	34
Yasuhito	Uto	90010	Orbit Normalization Policy: The Significance and Effectiveness of a Non-Incremental Approach to Space Debris Removal through PMD Devices		A6	22nd IAA SYMPOSIUM ON	2024-10-14	13:00-13:10	34
Jodie	Howlett	91177	Advancements in UK Active Debris Removal: A Comprehensive Overview of the UK Space Agency's Mission		A6	22nd IAA SYMPOSIUM ON	2024-10-14	13:10-13:20	34
Rachit	Bhatia	88494	Innovative method for examining the orbital progression of a debris cloud		A6	22nd IAA SYMPOSIUM ON	2024-10-14	13:20-13:30	34
Jaxson	Hill	90664	3DOF Air Bearing Platform As A Testbed For A Gecko Gripper Active Debris Removal Mechanism	United States	A6	22nd IAA SYMPOSIUM ON	2024-10-14	12:30-12:40	35
Dario	Modenini	85427	A virtual conjunctions generator for testing spacecraft collision detection strategies	Italy	A6	22nd IAA SYMPOSIUM ON	2024-10-14	12:40-12:50	35



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Saehan	Song	82801	Strategies for Diversifying the Acquisition of Orbital Information on Space Objects: Radar System Planning, Optical System Performance Analysis, and Development of Passive RF	Korea, Republic	A6	22nd IAA SYMPOSIUM ON	2024-10-14	12:50-13:00	35
Hugo	de Rohan Willner	82076	Planning Active Multi-Debris Removal Mission Using Deep Reinforcement Learning		A6	22nd IAA SYMPOSIUM ON	2024-10-14	13:00-13:10	35
Aleksandr	Kuznetsov	89523	Research on the interpolation of Earth atmosphere density	Russian Federation	A6	22nd IAA SYMPOSIUM ON	2024-10-14	13:10-13:20	35
Yangzi	Tao	87062	global space debris insurance pool as a viable mechanism for sustainable space activities		A6	22nd IAA SYMPOSIUM ON	2024-10-14	13:20-13:30	35
Yashi	Lei	84740	Spatial non-cooperative target detection and tracking based on neuromorphic sensors	China	A6	22nd IAA SYMPOSIUM ON	2024-10-14	12:30-12:40	36
Mahhad	Nayyer	89122	An Attributional Assessment of a Prospective Global Space Traffic Management System		A6	22nd IAA SYMPOSIUM ON	2024-10-14	12:40-12:50	36
Ben	Taylor	89965	Solutions for LEO satellite resilience and last resort disposal	New Zealand	A6	22nd IAA SYMPOSIUM ON	2024-10-14	12:50-13:00	36
Moritz	Kuhn	87756	Persistent Signatures for Space Object Fingerprinting	Germany	A6	22nd IAA SYMPOSIUM ON	2024-10-14	13:00-13:10	36
Matej	Zigo	84818	Innovative approach for real-time TLE improvement based on the optical passive measurements	Slovak Republic	A6	22nd IAA SYMPOSIUM ON	2024-10-14	13:10-13:20	36
Ziyu	Zhou	85149	SR-SAT: Multifunctional CubeSat Design for Space Debris Surveillance	China	A6	22nd IAA SYMPOSIUM ON	2024-10-14	13:20-13:30	36
Stefano	Lopresti	88777	A numerical model for CFRP fragmentation under hypervelocity impacts		A6	22nd IAA SYMPOSIUM ON	2024-10-14	12:30-12:40	37
Jinsung	Lee	86723	Development of Korea Orbital Debris Evolutionary and Engineering Model	Korea, Republic	A6	22nd IAA SYMPOSIUM ON	2024-10-14	12:40-12:50	37
Hao	Liu	82416	design of a transformable soft-body structure for protecting spacecrafts from impacting of high-velocity space debris	China	A6	22nd IAA SYMPOSIUM ON	2024-10-14	12:50-13:00	37
Yonathan	Ascanio Hecker	82979	Impact of a Rolling Shutter on Light Curves of Resident Space Objects in High Altitude Orbits		A6	22nd IAA SYMPOSIUM ON	2024-10-14	13:00-13:10	37
Tomáš	Hrobár	88849	Attitude determination of H-2A rocket bodies by using photometric measurements		A6	22nd IAA SYMPOSIUM ON	2024-10-14	13:10-13:20	37
Johannes	Herzog	83960	Test Campaign of the Optimized Maintenance and Survey Tasking (OMST) Strategy with Multiple Telescope Stations		A6	22nd IAA SYMPOSIUM ON	2024-10-14	13:20-13:30	37
Laila	Kazemi	81265	Attitude Estimation Strategies for CubeSpec mission with a Multi-Star Tracker ADCS	Belgium	A7	IAF SYMPOSIUM ON ONGOING	2024-10-14	12:30-12:40	38
Amit	Singh	86570	High Accuracy Pointing and Stable Control System for Indian Solar Mission (Aditya-L1)	India	A7	IAF SYMPOSIUM ON ONGOING	2024-10-14	12:40-12:50	38
Kevin	Simmons	83722	A Correlation of Einstein's Cosmological Constant in Anti-de Sitter Spacetime Without Negative Vacuum Pressure	United States	A7	IAF SYMPOSIUM ON ONGOING	2024-10-14	13:10-13:20	38
W. Garrett	Levine	87636	Sustaining the Moore's Law Analog for Exoplanets	United States	A7	IAF SYMPOSIUM ON ONGOING	2024-10-14	13:20-13:30	38
Mykyta	Kliapets	91681	Interface Between Astronomy and AI: Finding gDor/dSct Hybrids with TESS and Machine Learning		A7	IAF SYMPOSIUM ON ONGOING	2024-10-14	12:30-12:40	39
Mehdi	Lali	90145	Unveiling the Secrets of the Solar System: A Quest for Planet Nine	United States	A7	IAF SYMPOSIUM ON ONGOING	2024-10-14	13:10-13:20	39

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Fakhri	Amanov	88004	Asteroid Mining: Economic Feasibility and Technological Challenges	Azerbaijan	A7	IAF SYMPOSIUM ON ONGOING	2024-10-14	13:20-13:30	39
Ankitha	Kamath	90948	Unveiling Rogue Exoplanets: Swarm CubeSat Telescope	India	A7	IAF SYMPOSIUM ON ONGOING	2024-10-14	12:50-13:00	40
Kole	Lutz	84344	Solar Electromagnetic Lensing (SEL), Geometry, and Astrophysics for Exoplanet Imaging and Communication	United States	A7	IAF SYMPOSIUM ON ONGOING	2024-10-14	13:10-13:20	40
Irfan	Azeem	88128	Development of Solar Sail Technology to Achieve Improvements in Space Weather Forecasting	United States	A7	IAF SYMPOSIUM ON ONGOING	2024-10-14	13:20-13:30	40
Jaclyn	jaclyn.wiley	82125	Too Hot to Handle? Planetary Protection Concerns for Nuclear Space Missions to Planetary Surfaces	United States	A7	IAF SYMPOSIUM ON ONGOING	2024-10-14	12:30-12:40	41
Enrico	Prati	83386	Quantum computing for deep space physics applications		A7	IAF SYMPOSIUM ON ONGOING	2024-10-14	13:10-13:20	41
Gabriele	Redigonda	91242	Leveraging the Soft Power of Space Science in Europe	Italy	A7	IAF SYMPOSIUM ON ONGOING	2024-10-14	13:20-13:30	41
Iain	Moore	83845	Controllability of orbiting solar reflectors under structural failures.		C1	IAF ASTRODYNAMIC	2024-10-14	12:30-12:40	42
Moe	Yasuda	91066	Design of periodic orbit inclined to the sun line around an asteroid with imperfectly reflecting solar sail	Japan	C1	IAF ASTRODYNAMIC	2024-10-14	12:40-12:50	42
Claudio Toquinho	Campana	84302	On the refinement of low-energy Earth–Moon transfer families into an ephemeris model	Italy	C1	IAF ASTRODYNAMIC	2024-10-14	12:50-13:00	42
Tomás Ignacio	Burroni	84796	In-Orbit Allan Variance for Gyroscope Noise Characterization in Earth Observation Satellites	Spain	C1	IAF ASTRODYNAMIC	2024-10-14	13:00-13:10	42
Antonio	López Rivera	87909	Design and Optimization of Multi-Rendezvous Maneuvres based on Reinforcement Learning and Convex Optimization		C1	IAF ASTRODYNAMIC	2024-10-14	13:10-13:20	42
Zhiyuan	Cao	83783	analysis of multiple gravity-assist opportunities based on feasibility domains		C1	IAF ASTRODYNAMIC	2024-10-14	13:20-13:30	42
Florian	Renk	81846	Vigil – Transfer design for the European Space Agency’s Space Weather Mission to the Sun-Earth Libration Point 5		C1	IAF ASTRODYNAMIC	2024-10-14	12:30-12:40	43
Boyu	Yang	81118	Attitude and bias estimation of the agile satellite with high dynamic performance based on I1-TSAKF	China	C1	IAF ASTRODYNAMIC	2024-10-14	12:40-12:50	43
Junji	Kikuchi	86587	Trajectory Design of NRHO Transfer with Continuous Launch Window for Logistics Resupply Mission to Gateway	Japan	C1	IAF ASTRODYNAMIC	2024-10-14	12:50-13:00	43
Paul	Pintea	86585	Robustness Assessment of Asteroid Approach Trajectory Regarding Thruster Failures and Missed Maneuvres	France	C1	IAF ASTRODYNAMIC	2024-10-14	13:00-13:10	43
Juan Félix	San-Juan	82958	Chaotic behavior of high and eccentric Earth orbits---The case of ESA's Integral space observatory	Spain	C1	IAF ASTRODYNAMIC	2024-10-14	13:10-13:20	43
Zeyue	Li	84686	Non-Smooth Deviation Evolution Analysis in Cislunar Midcourse Correction Trajectory Under Maneuver Execution Threshold	China	C1	IAF ASTRODYNAMIC	2024-10-14	13:20-13:30	43
Sourav	Ghosh	85150	Characterization of Orbits in Cislunar Space for Space Traffic Management	India	C1	IAF ASTRODYNAMIC	2024-10-14	12:30-12:40	44
Riccardo	Apa	84716	General Approach to Solve Low-Thrust Multi-Target Space Logistics Problems	Italy	C1	IAF ASTRODYNAMIC	2024-10-14	12:40-12:50	44
Olga	Yanova	89685	Optimal Control of Spacecraft with an Air-Breathing Electric Propulsion in Ultra-Low Orbits	Russian Federation	C1	IAF ASTRODYNAMIC	2024-10-14	12:50-13:00	44

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Manuel	Pereira	87864	advancing solutions for the three-body problem through physics-informed neural networks		C1	IAF ASTRODYNAMIC	2024-10-14	13:00-13:10	44
Shanshan	Pan	86096	Low-Thrust Assisted Periodic Orbits Around Small Bodies via Indirect Optimal Control		C1	IAF ASTRODYNAMIC	2024-10-14	13:10-13:20	44
Lucrezia	Lovaglio	88170	CNN-based Visual Navigation: Optimization Strategies for Monocular Pose Estimation in Proximity Operations	Italy	C1	IAF ASTRODYNAMIC	2024-10-14	13:20-13:30	44
Margaux	Introna	90420	Exploring new periodic orbits for the n-body problem	Italy	C1	IAF ASTRODYNAMIC	2024-10-14	12:30-12:40	45
Mathilda	Bolis	88697	Long-term evolution of orbits in cislunar space: characterisation and stability analysis	Italy	C1	IAF ASTRODYNAMIC	2024-10-14	12:40-12:50	45
Thomas	McIlwraith	88001	Drag Coupling of Attitude and Orbital Dynamics for LEO Satellites.	United Kingdom	C1	IAF ASTRODYNAMIC	2024-10-14	12:50-13:00	45
Emma	Topolcsik	89045	An Efficient Optical Navigation Model for Monte-Carlo Feasibility Analysis: Limits of Horizon-Based Cislunar Autonomy		C1	IAF ASTRODYNAMIC	2024-10-14	13:00-13:10	45
Ying	Ding	84587	Designing cislunar co-orbital transfer networks in the Earth-Moon system		C1	IAF ASTRODYNAMIC	2024-10-14	13:10-13:20	45
Xiaoyu	Fu	84119	Numerical Continuation and Stationkeeping of Quasi-Periodic Quasi-Satellite Orbits around Phobos	United Kingdom	C1	IAF ASTRODYNAMIC	2024-10-14	13:20-13:30	45
Vassili	Tunjov	84110	Accelerating Mega-Constellation Design: Efficient Visibility Computation and Multi-Shell Optimisation		C1	IAF ASTRODYNAMIC	2024-10-14	12:30-12:40	46
Thomas	Caleb	83907	A Polynomial-Based Differential Dynamic Programming Optimisation Method for Space Trajectory Design	France	C1	IAF ASTRODYNAMIC	2024-10-14	12:40-12:50	46
Riccardo	Spartà	84169	Advanced attitude determination and control testing in a modular solution	Italy	C1	IAF ASTRODYNAMIC	2024-10-14	12:50-13:00	46
Sergio	Cuevas del Valle	89798	Regularization and a hybrid pseudospectral, shape-based solver for low-thrust optimal control	Spain	C1	IAF ASTRODYNAMIC	2024-10-14	13:00-13:10	46
Sergio	Cuevas del Valle	89801	Exploiting gauge freedom in KS variables for high-performance numerical orbital propagation		C1	IAF ASTRODYNAMIC	2024-10-14	13:10-13:20	46
Arya	Das	88357	Optimal Far-Range Rendezvous Trajectory Design of Low-Thrust Electric Propulsion Spacecraft using Deep Reinforcement Learning	India	C1	IAF ASTRODYNAMIC	2024-10-14	13:20-13:30	46
Stefano	Mungiguerera	90106	Test and simulation in high-enthalpy atmospheric re-entry conditions of Multi-Phase Ultra-High-Temperature Ceramics	Italy	C2	IAF MATERIALS AND	2024-10-14	12:30-12:40	47
Salvatore	Rea	83569	Spacecraft Materials Analysis in LEO and VLEO Orbits under Atomic Oxygen Interaction	Italy	C2	IAF MATERIALS AND	2024-10-14	12:50-13:00	47
Ashraf	Khater	82959	Investigating Carbon Fiber Reinforced Polymer Composites for Enhanced CubeSat Structural Design	Bahrain	C2	IAF MATERIALS AND	2024-10-14	13:20-13:30	47
Artem	Andrianov	87705	Assessment of the manufacturing feasibility of the flexible TPS by filament winding	Brazil	C2	IAF MATERIALS AND	2024-10-14	12:30-12:40	48
Davide	Sorli	85317	Study of the influence of contact model parameters on a berthing operation	Italy	C2	IAF MATERIALS AND	2024-10-14	12:40-12:50	48
Rogelio	Vazquez Camacho	86471	Epoxy-Ceramic as Anticorrosive Aircraft Coating	Mexico	C2	IAF MATERIALS AND	2024-10-14	12:50-13:00	48
ALESSANDRO	AIROLDI	90425	Numerical and experimental approach for the design of CMC and UHTCMC reusable structures: results of AM3aC2A project		C2	IAF MATERIALS AND	2024-10-14	13:10-13:20	48

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Marco	Riva	84282	Evaluation of Material Degradation in C/SiC Composite Subjected to Reentry Conditions	Italy	C2	IAF MATERIALS AND	2024-10-14	13:20-13:30	48
Jorge Rubén	Casir Ricaño	81065	Structural Design, Simulation, and Testing of the BIRDS-X Project's Satellite Dragonfly	Japan	C2	IAF MATERIALS AND	2024-10-14	12:30-12:40	49
Andrea	Zanin	86873	A special insulated pass-through for cryogenics	Italy	C2	IAF MATERIALS AND	2024-10-14	13:10-13:20	49
Tiziana	Biasutti	87008	Functional behaviour of Niti complex geometries for innovative smart structures manufactured by Selective Laser Melting	Italy	C2	IAF MATERIALS AND	2024-10-14	13:20-13:30	49
Elliott	Ruzicka	88537	The Future Unfolds - Simplifying Polyhedral Space Habitat Module Deployment Using a Continuous Unfolding Method	United States	C2	IAF MATERIALS AND	2024-10-14	12:30-12:40	50
Pierpaolo	Palmieri	83275	A deployable and retractable inflatable link for a space robotic manipulator		C2	IAF MATERIALS AND	2024-10-14	12:40-12:50	50
Tanya	Scalia	82522	Graphene and graphene-like materials for sensors and actuators in aerospace: a review and technology landscape	Italy	C2	IAF MATERIALS AND	2024-10-14	13:10-13:20	50
Augustin	Gallois	87766	Deployable Origami-inspired Structures for Future Space Applications: Lessons Learned from Zero-G Flight Experiment and New Developments		C2	IAF MATERIALS AND	2024-10-14	13:20-13:30	50
Jhon	Gonzales Silvera	86325	Thermal and Vibrational Analysis of Peruvian 3U CubeSat CHASQUI II for Low-Earth Orbit Missions	Peru	C2	IAF MATERIALS AND	2024-10-14	12:40-12:50	51
Hongxu	Wang	85097	A Universal Kinematic Modelling Method for Multi-arms Space Robot with Variable Topology	China	C2	IAF MATERIALS AND	2024-10-14	12:50-13:00	51
Leonardo	Barilaro	83888	Development and characterization of an experimental setup to study cold-welding in microgravity conditions	Malta	C2	IAF MATERIALS AND	2024-10-14	13:20-13:30	51
Kwangwoo	Kim	84504	high reliability critical strain theory based structural design methodology to achieve a lightweight spaceborne electronics	Korea, Republic	C2	IAF MATERIALS AND	2024-10-14	12:30-12:40	52
Emanuele	Casciaro	87780	SHM of space structures: use of polarization-maintaining fibers to decouple the thermo-mechanical effect on Fiber Bragg Grating sensor measurements		C2	IAF MATERIALS AND	2024-10-14	12:50-13:00	52
YEN TING	LIU	84699	Modal Testing and Dynamic Simulation Verification Techniques for Shock Test.		C2	IAF MATERIALS AND	2024-10-14	12:30-12:40	53
Aitana	Tinajero	91687	Exploring the Viability of Cornstarch-Based Bioplastics for Aerospace and Aviation Applications		C2	IAF MATERIALS AND	2024-10-14	12:30-12:40	54
Lysanne	Page	91682	Spacecraft Thermal Analysis and Considerations of a Launch Environment		C2	IAF MATERIALS AND	2024-10-14	12:30-12:40	55
Chinphat	Patanathabut	86561	Passive Thermal Control System Design and Temperature Analysis of Thai Space Consortium-1 Satellite	Thailand	C2	IAF MATERIALS AND	2024-10-14	13:20-13:30	55
Gustavo Enrique	Albarran Gonzalez	85702	Proposal for the construction of lunar module	Mexico	C2	IAF MATERIALS AND	2024-10-14	12:30-12:40	56
Phylis	Makurunje	91846	Additive manufacture of zirconium alloys for thermal propulsion by selective powder deposition		C2	IAF MATERIALS AND	2024-10-14	12:40-12:50	56
Junjie	Sun	84101	Numerical Simulation and Analysis of Shoulder Jet Heat Reduction for Mechanical Deployable Reentry Vehicles	China	C2	IAF MATERIALS AND	2024-10-14	13:20-13:30	57
MIJOUNG	JOUNG	81579	Flexural and interlaminar shear strength with EMI shielding performance of CF/CNTF hybrid composite	Korea, Republic	C2	IAF MATERIALS AND	2024-10-14	13:20-13:30	58
Alexandre	Garus	84023	Receiv'Air - Bypassing of atmospheric attenuation for Space Based Solar Power with an airborne receiver	Italy	C3	IAF SPACE POWER	2024-10-14	12:30-12:40	59

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Aditya	Baraskar	90393	Advancing Space Solar Power Satellite: The Role of Energy Satellites in Sustainable Development	Japan	C3	IAF SPACE POWER	2024-10-14	12:40-12:50	59
Sotirios	Zormpas	89998	LUX-Thermal: A power generation system for lunar night survival	Luxembourg	C3	IAF SPACE POWER	2024-10-14	13:20-13:30	59
George B.	Dietrich	85136	INTERNATIONAL SPACE SOLAR POWER STUDENT COMPETITION PAPER NO. 1	Canada	C3	IAF SPACE POWER	2024-10-14	12:30-12:40	60
George B.	Dietrich	85141	INTERNATIONAL SPACE SOLAR POWER STUDENT COMPETITION PAPER NO. 2	Canada	C3	IAF SPACE POWER	2024-10-14	12:40-12:50	60
George B.	Dietrich	85146	INTERNATIONAL SPACE SOLAR POWER STUDENT COMPETITION PAPER NO. 3	Canada	C3	IAF SPACE POWER	2024-10-14	12:50-13:00	60
John C.	Mankins	88617	Student Paper - 2024 Space Solar Power Student Competition	United States	C3	IAF SPACE POWER	2024-10-14	13:00-13:10	60
Michael	Paluszek	80824	Combined Cycle Power Plant for Spacecraft	United States	C3	IAF SPACE POWER	2024-10-14	13:10-13:20	60
tadashi	takano	86659	Proposal of a Novel Solar Power Satellite in the Attitude Stabilization Scheme Based on Gravity Gradient	Japan	C3	IAF SPACE POWER	2024-10-14	13:20-13:30	60
Jafar	Sadig	88941	large-scale application of new types of special alternative energy sources in space stations		C3	IAF SPACE POWER	2024-10-14	12:30-12:40	61
Ghanim	Alotaibi	85635	Temperature Prediction First Results of a Solar Power Generator Based on the SPS-ALPHA Concept	Kuwait	C3	IAF SPACE POWER	2024-10-14	13:00-13:10	61
Shunan	Wu	91544	Coupling dynamics and experiment of crawling robot and space structure for on-orbit assembly	China	C3	IAF SPACE POWER	2024-10-14	13:20-13:30	61
Jose Antonio	Fernandez Alvarez	87591	Study of architectures for RTG-Solar Hybrid power subsystems in space vehicles.	Spain	C3	IAF SPACE POWER	2024-10-14	12:30-12:40	62
Jose Bibiano	Hermosillo Ramirez	84520	Energy-obtaining system to propel spacecraft through the generation of thermoelectric radioisotopes.	Mexico	C3	IAF SPACE POWER	2024-10-14	12:50-13:00	62
Anjana	Valsalan	81244	Multi-Material 3D Printing of a Magnetron	Canada	C3	IAF SPACE POWER	2024-10-14	13:00-13:10	62
Elizabeth	Gutierrez	85503	DIANA's Midnight Sun: Sustainable Energy Solutions with Solar Power Satellites for DIANA Lunar Infrastructure	Germany	C3	IAF SPACE POWER	2024-10-14	13:20-13:30	62
Lorenzo	Vignini	86785	Sustainable Nuclear Energy advancements for Space Exploration and Colonization missions	Italy	C3	IAF SPACE POWER	2024-10-14	12:30-12:40	63
Marco	Sumini	84198	Preliminary neutronic characterization of a MW class and LEU space nuclear reactor	Italy	C3	IAF SPACE POWER	2024-10-14	12:40-12:50	63
Michael	Bazzocchi	91228	Constellation Design for Space-based Solar Power Planar Satellite Arrays	Canada	C3	IAF SPACE POWER	2024-10-14	12:50-13:00	63
Titouan	Ustache	90398	Pioneering Space Power Dynamics: The Geostationary Orbital Garage	France	C3	IAF SPACE POWER	2024-10-14	13:20-13:30	63
Naman	Vaidya	81040	Adaptive Model Reference Adaptive Control (MRAC) Buck Converter for Spaceborne Applications with Single Event Upset (SEU) Mitigation		C3	IAF SPACE POWER	2024-10-14	12:30-12:40	64
Yunhan	He	81534	Equivalent Model And Parameter Identification of Graphene Supercapacitor Battery for spacecraft	China	C3	IAF SPACE POWER	2024-10-14	12:40-12:50	64
Lorenzo	Guarino	86663	A Model-Based approach for Space-Based Solar Power: technical feasibility, efficiency and mission cost	Italy	C3	IAF SPACE POWER	2024-10-14	13:00-13:10	64

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Spencer	Christian	89210	Thermionic Converters: Power Generation from Waste Heat	United States	C3	IAF SPACE POWER	2024-10-14	13:20-13:30	64
A. Sejal	Jain	84580	Orbital Pioneers: Space Robotics for Space Solar Power Satellite Deployment	Japan	C3	IAF SPACE POWER	2024-10-14	12:30-12:40	65
María Alicia	Guevara Miranda	85184	Proposal for the construction of clean energy-generating bases for future settlements. Lunar Power Regolith Unit. L RPU	Mexico	C3	IAF SPACE POWER	2024-10-14	13:10-13:20	65
Pietro	Mondino	82991	An Orbital System for Power Production and Distribution for LEO/MEO Satellites	France	C3	IAF SPACE POWER	2024-10-14	13:20-13:30	65
Chiara	Mirani	85612	revolutionizing smallsat power systems: sodium-ion structural batteries for enhanced efficiency and payload allocation in low earth orbit missions	Italy	C3	IAF SPACE POWER	2024-10-14	12:30-12:40	66
Simon	Maillot	86402	Comparative Analysis of Control Accuracy in Energy Transmission Methods for Solar Power Satellite	France	C3	IAF SPACE POWER	2024-10-14	13:00-13:10	66
Jaclyn	jaclyn.wiley	82123	Commercial RPS – A New Power Generation Paradigm for Mid-Size Deep Space Missions	United States	C3	IAF SPACE POWER	2024-10-14	13:20-13:30	66
Myoungjin	Kim	86373	effect of the electrode shape on the combustion characteristics of electrically controlled solid propellant		C4	IAF SPACE PROPULSION	2024-10-14	12:30-12:40	67
CHANSON G	KIM	86413	combustion characteristics of hydroxylammonium nitrate-based electrically controlled gel propellant	Korea, Republic	C4	IAF SPACE PROPULSION	2024-10-14	12:40-12:50	67
Davide	Negretti	85265	Perspectives on Colloidal Polymeric Nitrogen Monopropellant Engines	Italy	C4	IAF SPACE PROPULSION	2024-10-14	12:50-13:00	67
Olexiy	Shynkarenko	81960	Conceptual design of a 1 kN hybrid rocket engine manufactured with additive technology	Brazil	C4	IAF SPACE PROPULSION	2024-10-14	13:00-13:10	67
Olexiy	Shynkarenko	81963	Numerical study of an additively manufactured hybrid rocket engine of 1 kN: A CFD Approach		C4	IAF SPACE PROPULSION	2024-10-14	13:10-13:20	67
Rafael	Coelho	87274	Characterization of Paraffin-LDPE Blended Fuels	Brazil	C4	IAF SPACE PROPULSION	2024-10-14	13:20-13:30	67
chaehyung	kim	81823	A numerical optimization of high-altitude test facility for upper stage engines		C4	IAF SPACE PROPULSION	2024-10-14	12:30-12:40	68
Bocheng	Zhou	91570	experimental study of porous-wall expansion-deflection nozzle flow		C4	IAF SPACE PROPULSION	2024-10-14	12:40-12:50	68
Zhibang	Wang	91575	Numerical Investigation on Combustion Enhancement Strategy in Shock Concentric Bubble Interaction		C4	IAF SPACE PROPULSION	2024-10-14	12:50-13:00	68
Abishek	Shrestha	86840	numerical combustion model and efficiency study of electrically ignited solid propellants for micro to macro propulsion systems	Australia	C4	IAF SPACE PROPULSION	2024-10-14	13:00-13:10	68
XIAOTING	NIU	83729	An Improved Al Particle Combustion Model for Simulating the Aluminized Hybrid Rocket Motor Combustion	China	C4	IAF SPACE PROPULSION	2024-10-14	13:10-13:20	68
Yudong	Lu	84704	Investigation of Solid Fuel Pyrolysis Characteristics in Hybrid Rocket Engines Utilizing HTPB with Aluminum Additive	China	C4	IAF SPACE PROPULSION	2024-10-14	13:20-13:30	68
Matteo	Serchi Masini	90641	Development and Integration of the Engineering Model for a Modular HTP-based CubeSat Propulsion System for future In-Orbit Validation on the UniPi EXCITE CubeSat Platform	Italy	C4	IAF SPACE PROPULSION	2024-10-14	12:30-12:40	69
Xiaoming	Gu	86143	Dynamic characteristics of hydrogen peroxide electric pump during pulse ignition process of hybrid rocket engine	China	C4	IAF SPACE PROPULSION	2024-10-14	12:40-12:50	69
Haoran	Shi	87634	Experimental Investigation on Pressure and Flow Regulation of Variable Area Cavitation Venturi in Pump-feed System	China	C4	IAF SPACE PROPULSION	2024-10-14	12:50-13:00	69

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Ruikai	Chen	86210	Numerical Simulation and Experimental Study of the Throat Parallel Segment Length of Variable Area Cavitating Venturi	China	C4	IAF SPACE PROPULSION	2024-10-14	13:00-13:10	69
Nathan	Schilling	82163	Sub-Scale Demonstration of a Pulsed Fusion Axial Magnetic Nozzle with a Target-Type Thrust Stand		C4	IAF SPACE PROPULSION	2024-10-14	13:10-13:20	69
Luis Fernando	Gomez Monrov	88434	Establishing a Foundation for Rocketry Advancement in Mexico: Development of a Hybrid Rocket Engine.	Mexico	C4	IAF SPACE PROPULSION	2024-10-14	13:20-13:30	69
Marco	Grossi	86625	Numerical Computations of Nozzle Performance Losses in Solid Rocket Motors	Italy	C4	IAF SPACE PROPULSION	2024-10-14	12:30-12:40	70
Gianluca	Cocirla	90023	Three Dimensional and Multiphase Simulations of Aft-Finocyl Solid Rocket Motors		C4	IAF SPACE PROPULSION	2024-10-14	12:40-12:50	70
Vanmitha	Athimoolam	81843	BREAKING BARRIERS WITH BIOFUELS: THE FUTURE OF ROCKET PROPULSION	Malaysia	C4	IAF SPACE PROPULSION	2024-10-14	12:50-13:00	70
Haodong	He	87025	Optimization of thrust control strategy for electric pump-fed rocket engines	China	C4	IAF SPACE PROPULSION	2024-10-14	13:00-13:10	70
Sebastian	Bouckenooghe	86017	Blockage Removal and Requalification of a Regeneratively Cooled, Additively Manufactured Rocket Engine		C4	IAF SPACE PROPULSION	2024-10-14	13:10-13:20	70
Rohin	Pathak	86765	Development of Atlas: A Liquid Rocket Engine Cryogenic Feed System	United States	C4	IAF SPACE PROPULSION	2024-10-14	13:20-13:30	70
Tommaso	Zagatti	87010	Design, Modeling and Simulations of a High Pressure Cryogenic System for a Space Propulsion Test Facility	Italy	C4	IAF SPACE PROPULSION	2024-10-14	12:30-12:40	71
Connor	Zook	86339	Closed-Loop Thrust Throttling Capabilities on Kero-Lox Liquid Rocket Engine	United States	C4	IAF SPACE PROPULSION	2024-10-14	12:40-12:50	71
Haizhou	Guo	87444	Fluidic throat technology for hybrid rocket motor based on liquid oxidizer cooling	China	C4	IAF SPACE PROPULSION	2024-10-14	12:50-13:00	71
Weite	Xu	86198	Thrust Prediction of Hybrid Rocket Motor Based on Physical Feature Embedding and Residual Learning	China	C4	IAF SPACE PROPULSION	2024-10-14	13:00-13:10	71
Xintong	Li	86853	Optimization of pump-valve combined regulation strategy for electric pump-fed system in a hybrid rocket motor	China	C4	IAF SPACE PROPULSION	2024-10-14	13:10-13:20	71
Vittorio	Giannetti	84768	Development of a Novel CubeSat-scale Air-breathing Electric Propulsion System		C4	IAF SPACE PROPULSION	2024-10-14	13:20-13:30	71
Angela	Cratere	87381	fpga implementation of convolutional neural networks for improved autonomy and efficiency of next-generation cubesat missions	Italy	D1	IAF SPACE SYSTEMS	2024-10-14	12:30-12:40	72
Alessandra	Mannocchi	85603	An overview of EXTREMA project Pillar II: validating autonomous guidance algorithms via HIL testing		D1	IAF SPACE SYSTEMS	2024-10-14	12:40-12:50	72
Luis Angel	Hernandez Iava	82767	Nondestructive Testing in Space Environments: A Critical Element for the Future Sustainability of Aerospace Development		D1	IAF SPACE SYSTEMS	2024-10-14	12:50-13:00	72
Victor	Hernandez Megia	89385	MegaSat: feasibility of a modular and expandable geostationary platform for optimizing geoslot allocations.		D1	IAF SPACE SYSTEMS	2024-10-14	13:00-13:10	72
Gonzalo	Aguirre	83982	A Machine Learning Roadmap for On-Orbit Servicing	Japan	D1	IAF SPACE SYSTEMS	2024-10-14	13:10-13:20	72
Romain	Caujolle	85175	In-Orbit Demonstration of Robotic Operations on a reusable service module - DEMARLUS	France	D1	IAF SPACE SYSTEMS	2024-10-14	13:20-13:30	72
Alejandro	Lazaro	88804	SIROM Standard Interface applicability for hard docking scenarios. Air-bearing test campaign as initial step toward the validation of contact dynamics.		D1	IAF SPACE SYSTEMS	2024-10-14	12:30-12:40	73

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Annachiara	Ippolito	85383	Modular Reconfigurable Rovers: Advanced Algorithm Accounting for Terrain Features, Locomotion Modes, and Map Uncertainties for Planetary Exploration	Italy	D1	IAF SPACE SYSTEMS	2024-10-14	12:40-12:50	73
Filipe	Cravidão	88427	Building Data-Driven Satellite Digital Twins	Portugal	D1	IAF SPACE SYSTEMS	2024-10-14	12:50-13:00	73
Georgios	Tsakyridis	84639	A Comparative Study of SCRUM and Classical Concurrent Engineering Processes for Space System Design	Germany	D1	IAF SPACE SYSTEMS	2024-10-14	13:00-13:10	73
Agathe	BOUIS	82998	An autonomous distributed timing signal in-space as alternative to GNSS time synchronisation	United Kingdom	D1	IAF SPACE SYSTEMS	2024-10-14	13:10-13:20	73
Adriano	Parisi	85881	Bifrost: Virtual Engineering and Simulation Framework	Italy	D1	IAF SPACE SYSTEMS	2024-10-14	13:20-13:30	73
Donghae	Kim	87455	game-theoretic sensor tasking for satellite constellation control with computational scalability and performance guarantees	United States	D1	IAF SPACE SYSTEMS	2024-10-14	12:30-12:40	74
Roberta	Pellegrini	89277	Flyeye Telescope for SST application: an overview of the foreseen instrument performances	Italy	D1	IAF SPACE SYSTEMS	2024-10-14	12:40-12:50	74
Simone	La Luna	88052	RECS: In-Orbit Re-Fueling Demonstration. Design Review, Manufacturing and CONOPS	Italy	D1	IAF SPACE SYSTEMS	2024-10-14	12:50-13:00	74
Rehobot	Bekele Buruso	82549	Evaluation of Agility in MBSE Methods Development Life Cycle Phases of Small Satellites	France	D1	IAF SPACE SYSTEMS	2024-10-14	13:00-13:10	74
Shuai	Yin	85218	A Novel Mission Scheduling Algorithm for Large-Scale Geosynchronous Orbit Spacecraft Refueling Problem	China	D1	IAF SPACE SYSTEMS	2024-10-14	13:10-13:20	74
Cristobal	Garrido	88188	Multi-Source Sensor Fusion: Challenges and Opportunities for the future of Space Operations	United States	D1	IAF SPACE SYSTEMS	2024-10-14	13:20-13:30	74
Ireland	Brown	82343	Cost Optimized Logistics for Cislunar Operations	United States	D1	IAF SPACE SYSTEMS	2024-10-14	12:30-12:40	75
Luca	Breggion	85331	Selective Solar Light Sintering Process Optimization via a Model-Based Systems Engineering Approach		D1	IAF SPACE SYSTEMS	2024-10-14	12:40-12:50	75
Stefano	Silvestrini	90988	Processor and Hardware in the loop GNC testing for e.Inspector mission: multi-spectral image processing for uncooperative target inspection		D1	IAF SPACE SYSTEMS	2024-10-14	12:50-13:00	75
Franco	Labia	89088	SUBTERRA: Search for Underground Biosignatures with Tracking, Exploration and Reconnaissance by Robotic Agents	United Kingdom	D1	IAF SPACE SYSTEMS	2024-10-14	13:00-13:10	75
Michele	Pasquali	89552	Enhancing the MAIT of aerospace systems through AI-based immersive technologies		D1	IAF SPACE SYSTEMS	2024-10-14	13:10-13:20	75
Oswaldo	Porto	84754	Online PM and Collaborative Tools for the Aerospace Sector		D1	IAF SPACE SYSTEMS	2024-10-14	13:20-13:30	75
Cassidy	Brozovich	88339	Demonstration of In-Situ Resource Utilization of Lunar Regolith for Plant Growing Systems Through Scaled Capillary Models		D3	22nd IAA SYMPOSIUM ON	2024-10-14	12:30-12:40	76
Marcelo	Boldt	81876	Digital Moon: Usage of Artificial Intelligence and Digital Twins for a Sustainable Lunar Economy	Germany	D3	22nd IAA SYMPOSIUM ON	2024-10-14	13:00-13:10	76
Daniele	Florenzano	88160	Automated design and additive construction of regolith-shielded lunar habitats	Denmark	D3	22nd IAA SYMPOSIUM ON	2024-10-14	13:20-13:30	76
Krunali	Shah	85771	unique and novel inflatable tower (unit) as critical infrastructure on the moon	United States	D3	22nd IAA SYMPOSIUM ON	2024-10-14	12:30-12:40	77
Arman	Asgharpour	87953	The Future of In-Space Manufacturing: A Systematic Review of Emerging Technologies, Trends, and Applications for Sustainable Space Exploration and Off-Earth Colonization	Iran	D3	22nd IAA SYMPOSIUM ON	2024-10-14	13:00-13:10	77



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Nijanthan	Vasudevan	82504	Enabling Sustainable Space Exploration: The Role of AI, Robotics, and Exoskeleton Wearables in Infrastructure Development	United States	D3	22nd IAA SYMPOSIUM ON	2024-10-14	13:10-13:20	77
Alessandro	Lovagnini	85363	Accelerated Combustion of Metals for Exothermic Heating (ACME): surviving the lunar night thanks to ISRU paradigm		D3	22nd IAA SYMPOSIUM ON	2024-10-14	13:20-13:30	77
Diego	Cagna	89310	Lightweight compound for space structure protection	Italy	D3	22nd IAA SYMPOSIUM ON	2024-10-14	12:30-12:40	78
Amanda	Calderon	86435	Interactive Crater Exploration Rover (ICER) with bionic camera for acute perception and visualization with predictive control	Costa Rica	D5	57th IAA SYMPOSIUM ON	2024-10-14	13:00-13:10	79
Maher	Dayeh	89662	A Machine Learning-Ready Data Processing Tool for Near Real-Time Forecasting	United States	D5	57th IAA SYMPOSIUM ON	2024-10-14	13:10-13:20	79
Daniela	Duran Arias	85856	Advanced Comms Agent Switcher for Lunar Base Camp via SiwōNet (acasnet)	Costa Rica	D5	57th IAA SYMPOSIUM ON	2024-10-14	13:20-13:30	79
Laurent	Marchand	91826	ESA Mission Classification		D5	57th IAA SYMPOSIUM ON	2024-10-14	12:30-12:40	80
Mehmet Fatih	Engin	85786	Space Weather Forecasting by Using Artificial Intelligence	Türkiye	D5	57th IAA SYMPOSIUM ON	2024-10-14	12:50-13:00	80
Yuanhong	Mao	82956	INTELLIGENT HEALTH MANAGEMENT PLATFORM FOR AEROSPACE ELECTRONIC SYSTEMS	China	D5	57th IAA SYMPOSIUM ON	2024-10-14	13:10-13:20	80
Naman	Vaidya	81041	Revolutionizing Satellite Hardware Reliability through Innovative Design Paradigms	India	D5	57th IAA SYMPOSIUM ON	2024-10-14	13:20-13:30	80
Fatima	Hasanova	90559	Management system in space	Azerbaijan	D5	57th IAA SYMPOSIUM ON	2024-10-14	12:50-13:00	81
José Manuel	Diez	90966	RACCOON OS: A Secure Open-Source \ Operating System for Satellites	Germany	D5	57th IAA SYMPOSIUM ON	2024-10-14	13:00-13:10	81
Sackdavor	MANGKHA SFUM	81394	Leveraging Machine Learning Algorithms and Open-Source Spatial Datasets for Land Use and Land Cover Change in the Nam Ngum River Basin (NNRB). Lao PDR	Japan	D5	57th IAA SYMPOSIUM ON	2024-10-14	13:10-13:20	81
İlaha	İsgandarova	84321	RSH: Advanced Protective Headgear for Radiation Monitoring and User Safety	Azerbaijan	D5	57th IAA SYMPOSIUM ON	2024-10-14	13:20-13:30	81
Muneera	Almalki	90285	Centralizing Codes and Knowledge for Streamlined Integration in the Space Sector: A Framework for Universal Access to Space and Effective Knowledge Management	Bahrain	D5	57th IAA SYMPOSIUM ON	2024-10-14	13:00-13:10	82
David	Todd	86862	Factors affecting spacecraft in-orbit anomalies causing insurance losses	United Kingdom	D5	57th IAA SYMPOSIUM ON	2024-10-14	13:10-13:20	82
Douglas	Miranda Rodrigues	89367	An innovative approach to developing fuel cells for space applications using the Six Sigma DMAIC framework.	Brazil	D5	57th IAA SYMPOSIUM ON	2024-10-14	13:20-13:30	82
Ivo	Jokin	86704	Space Art	Bulgaria	E1	IAF SPACE EDUCATION	2024-10-14	12:30-12:40	83
Connor	McNeill	81475	SEDS-Canada's development of highly qualified personnel through engineering projects at the undergraduate level	Canada	E1	IAF SPACE EDUCATION	2024-10-14	12:40-12:50	83
Lorenzo	Chiavari	90333	Hands-on stratospheric balloon experiment as a stepping stone to the space: the RETINA students' experience		E1	IAF SPACE EDUCATION	2024-10-14	12:50-13:00	83
Dmitriy	Grishko	90898	Comparative analysis of worldwide practices of keeping student interest in space professions and ways to retain it in the aerospace industry	Russian Federation	E1	IAF SPACE EDUCATION	2024-10-14	13:00-13:10	83
Evelyne	CORTIADE MARCHE	82604	CNES Immersive Week for middle school students (January 26th - February 2nd, 2024)	France	E1	IAF SPACE EDUCATION	2024-10-14	13:10-13:20	83

Firstname	Lastname	IP ID	PosterTitle	Country	spName	spCaption	Date	Time	Screen number
Scott	Scoular	88940	Advancing diversity in space: challenges and successes from a non-profit organisation	United Kingdom	E1	IAF SPACE EDUCATION	2024-10-14	13:20-13:30	83
Luis Fernando	Gomez Monrov	87348	En El Tule Aeroespacial: Fostering STEAM Education through Sustainable Experimental Rocketry Outreach	Mexico	E1	IAF SPACE EDUCATION	2024-10-14	12:30-12:40	84
Antoine	Jaeger	81951	Hello World Live - A new space media	Germany	E1	IAF SPACE EDUCATION	2024-10-14	12:50-13:00	84
Manfred	Ehresmann	87142	Impactful marketing and outreach Activities of German Student Space Associations	Germany	E1	IAF SPACE EDUCATION	2024-10-14	13:00-13:10	84
Kevin	Tang	90444	Scientific Space Mission With Pico Satellite Standard For Pre-College Education	Brazil	E1	IAF SPACE EDUCATION	2024-10-14	13:10-13:20	84
Katarzyna	Cieślak	85861	Exploring Public Attitudes Towards Space Exploration - A Literature Review	Poland	E1	IAF SPACE EDUCATION	2024-10-14	13:20-13:30	84
Ayelet	Weizman	87049	Exploring Sustainability Considerations in Students' Designs for Future Space Settlements: Insights from a national Space Olympics	Israel	E1	IAF SPACE EDUCATION	2024-10-14	12:30-12:40	85
Gabriel	Loza Medina	89130	Building Bright Futures: STEAM and Rural Education for Space Science Teaching	Mexico	E1	IAF SPACE EDUCATION	2024-10-14	12:40-12:50	85
Jorge Rubén	Casir Ricaño	86368	Connecting the Globe: Ground Terminal Competition for APRS Satellite Communication and Lessons Learned.	Japan	E1	IAF SPACE EDUCATION	2024-10-14	13:00-13:10	85
Mohamed	Alothman	87172	Empowering Space Science Education in Bahrain: NSSA's Innovative Outreach and Engagement Model	Bahrain	E1	IAF SPACE EDUCATION	2024-10-14	13:20-13:30	85
Roger	Birkeland	85334	How can a spaceport be used for educational purposes at university level?	Norway	E1	IAF SPACE EDUCATION	2024-10-14	12:30-12:40	86
Olga	Ovchinnikova	91404	Integrating Space Research Outreach Practices in Teaching Academic English to Non-Native University Students Specializing in Astrodynamics		E1	IAF SPACE EDUCATION	2024-10-14	12:40-12:50	86
Anahat	Bharaj	86583	Partial Earth: Unsettling the Modern Gaze	The Netherlands	E1	IAF SPACE EDUCATION	2024-10-14	13:00-13:10	86
Rebeca	Jiménez	86415	Camp Galileo: A First Approach to Space Exploration for Children in Developing Countries, lessons learned from Costa Rica Case of Study.	Costa Rica	E1	IAF SPACE EDUCATION	2024-10-14	12:30-12:40	87
Eduardo Azael	Hoy Canul	89892	Education and Alliances to Reduce the Space Gap in Indigenous Communities of Mexico in the Yucatan Peninsula	Mexico	E1	IAF SPACE EDUCATION	2024-10-14	13:20-13:30	87
Roman	Hiby	82573	the earth-moon system with remote sensing in education - implementing lunar and cis-lunar topics into the school curriculum	Germany	E1	IAF SPACE EDUCATION	2024-10-14	12:30-12:40	88
S.W.	Chiu	91468	Towards a more equitable future of astronomical collaborations	United Kingdom	E1	IAF SPACE EDUCATION	2024-10-14	12:50-13:00	88
Toi	Drayton	85991	decolonizing space: a call for equity and inclusivity in the final frontier	United States	E1	IAF SPACE EDUCATION	2024-10-14	13:20-13:30	88
Daniilo	Sakay	90692	AEB Escola Virtual - Education Platform: Open and Distance Learning platform for accessible space education.	Brazil	E1	IAF SPACE EDUCATION	2024-10-14	13:10-13:20	89
Kyunghwan	KIM	86268	STEM EDUCATION USING SPACE ROVER AND STUDENT ROVER CHALLENGE (SRC)	Korea, Republic	E1	IAF SPACE EDUCATION	2024-10-14	13:20-13:30	89
mariana	almeida	90756	IMPORTANCE OF COMMUNICATION STRATEGIES IN EDUCATION: DEVELOPMENT OF DIGITAL MARKETING IN THE SPACE SECTOR	Brazil	E1	IAF SPACE EDUCATION	2024-10-14	12:50-13:00	90
mariana	almeida	91233	Overcoming Obstacles in STEAM Projects for Women and Youth in Developing Countries	Brazil	E1	IAF SPACE EDUCATION	2024-10-14	13:00-13:10	90

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mariana	almeida	90186	DEVELOPING A REFLECTIVE PORTFOLIO FOR SPACE SECTOR EDUCATION: ACTIVE METHODOLOGIES AND COLLABORATIVE LEARNING	Brazil	E1	IAF SPACE EDUCATION	2024-10-14	13:10-13:20	90
Shimrit	Maman	82722	Rise up to the space challenge	Israel	E1	IAF SPACE EDUCATION	2024-10-14	13:20-13:30	90