

Firstname	Lastname	IP ID	Title	Country	spName	spCaption	Date	Time	Screen number
Nunzio	Burgio	83990	Modelling the irradiation experiments of microbic films within the BOREALIS payload		A1	IAF/IAA SPACE LIFE SCIENCES	2024-10-17	13:30-13:40	01
Jette	Ritz	91691	A Transcriptomic Approach to Understand Pharmacogenetics of Mice Exposed to Spaceflight Conditions		A1	IAF/IAA SPACE LIFE SCIENCES	2024-10-17	13:40-13:50	01
Tuncay	Isgenderli	90843	Exploring the Human Element of Space Exploration	Azerbaijan	A1	IAF/IAA SPACE LIFE SCIENCES	2024-10-17	13:50-14:00	01
Andrea	Cariz Queza	86166	Effect of Microgravity on Titanium Device-Induced Bone remodeling: Preclinical Study using C57BL/6 Mice	Chile	A1	IAF/IAA SPACE LIFE SCIENCES	2024-10-17	14:00-14:10	01
Jay	Buckey	87376	A re-evaluation of the early effects of weightlessness		A1	IAF/IAA SPACE LIFE SCIENCES	2024-10-17	13:30-13:40	02
Virginia	Wotring	90245	Effects of a sleep aid medication on flatworm behavior in space flight analogs	France	A1	IAF/IAA SPACE LIFE SCIENCES	2024-10-17	13:40-13:50	02
Stefania Eleonora	Navone	88234	Pulsed Electromagnetic Field (PEMF) as a valid countermeasure against inflammation in Intervertebral Disc Degeneration also during space exposure	Italy	A1	IAF/IAA SPACE LIFE SCIENCES	2024-10-17	13:50-14:00	02
Alberto	Minetti	81937	Horizontal running bouts inside a circular wall on the Moon as a countermeasure to prolonged low gravity deconditioning of bone, muscle and cardio-vascular fitness. Implications for habitat design.	Italy	A1	IAF/IAA SPACE LIFE SCIENCES	2024-10-17	14:40-14:50	02
Catherine	James	80954	An investigation of the effects of sounding rocket travel in the ionosphere on the structure, elemental composition and photosynthetic viability of Cyanobacteria Nostoc.	United Kingdom	A1	IAF/IAA SPACE LIFE SCIENCES	2024-10-17	13:30-13:40	03
Sarah	Gaier	82894	The potential effects of suborbital spaceflight stressors on passengers with cardiovascular comorbidities: a systematic review.	United Kingdom	A1	IAF/IAA SPACE LIFE SCIENCES	2024-10-17	13:40-13:50	03
Bartosz	Choiński	90058	Olfactory Enhancement for Astronaut Well-being in Confined Space Habitats	Poland	A1	IAF/IAA SPACE LIFE SCIENCES	2024-10-17	13:50-14:00	03
Francesco	Casanovas	82156	Effects of Artificial Gravity on the Musculoskeletal System	Spain	A1	IAF/IAA SPACE LIFE SCIENCES	2024-10-17	14:00-14:10	03
Bilal	Sayin	87469	Potential Habitable Environment for Cultivating Algae: Proxima Centauri b	Türkiye	A1	IAF/IAA SPACE LIFE SCIENCES	2024-10-17	14:30-14:40	03
Diana	Pawlicki	87574	Multi-stage adaptive filtering of cosmic ray signal data - application and configuration for Ultra-High-Energy Cosmic Ray study at Pierre Auger Observatory	Poland	A1	IAF/IAA SPACE LIFE SCIENCES	2024-10-17	14:40-14:50	03
Acatzin	Benítez Salazar	81776	Biospace: Virtual Reality collaboration platform for sustainable psychophysiological training in space	Mexico	A1	IAF/IAA SPACE LIFE SCIENCES	2024-10-17	13:30-13:40	04
Devjoy	Dev	83666	the effect of short-term exposure to simulated microgravity on circadian clock gene expression in mouse embryonic fibroblasts	United Arab Emirates	A1	IAF/IAA SPACE LIFE SCIENCES	2024-10-17	13:40-13:50	04
Rivaldo Carlos	Duran Aquino	83069	Sustainability in Space Missions: Innovation in Radiation Protection Using Recycled Water	Peru	A1	IAF/IAA SPACE LIFE SCIENCES	2024-10-17	13:50-14:00	04
Funmilola Afolajibi	Oluwafemi	88977	Improved Morphology and Biochemical Properties of Carrot's Roots after Simulated Microgravity Impact	Nigeria	A1	IAF/IAA SPACE LIFE SCIENCES	2024-10-17	14:00-14:10	04
Giuseppe	Scavo	87994	Identifying and characterising personal "styles" on EVA operations.	France	A1	IAF/IAA SPACE LIFE SCIENCES	2024-10-17	14:10-14:20	04
Susan	Ip-Jewell	80940	The MartiaNAUT PROJECT: studying the Physical, Psychological and Physiological Outcomes and understanding isolation challenges in an I.C.E analog simulation in a pioneering One-Person	United States	A1	IAF/IAA SPACE LIFE SCIENCES	2024-10-17	14:20-14:30	04

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Elza	Salimli	91086	Exploring the Psychosocial Impacts of Space Tourism: Challenges and Opportunities	Azerbaijan	A1	IAF/IAA SPACE LIFE SCIENCES	2024-10-11	14:30-14:40	04
Alizada	Ravan	84228	The Effect of Spaceflight and Microgravity on the Human Brain	Azerbaijan	A1	IAF/IAA SPACE LIFE SCIENCES	2024-10-11	13:30-13:40	05
Elza	Salimli	90190	Cognitive Behavioral Therapy for Loneliness and Isolation of Astronauts in Space Mission	Azerbaijan	A1	IAF/IAA SPACE LIFE SCIENCES	2024-10-11	13:40-13:50	05
Nargiz	Aliyarli	89987	Exploring the Psychological Impact of Menstruation in Space on Female Astronauts	Azerbaijan	A1	IAF/IAA SPACE LIFE SCIENCES	2024-10-11	13:50-14:00	05
Fidan	Huseynzad	90497	Anorexia Nervosa in Space Environments	Azerbaijan	A1	IAF/IAA SPACE LIFE SCIENCES	2024-10-11	14:00-14:10	05
Erik	Seedhouse	90357	Mitigating bone loss in astronauts through the application of the 'Aggregation of Marginal Gains' Approach		A1	IAF/IAA SPACE LIFE SCIENCES	2024-10-11	14:10-14:20	05
Devjoy	Dev	81677	exploration of the biomechanical stress on the body while performing functional and operationally relevant movement patterns under variable gravitational stress	United Arab Emirates	A1	IAF/IAA SPACE LIFE SCIENCES	2024-10-11	14:30-14:40	05
Aaron	Allred	88472	Galvanic Vestibular Stimulation as a Countermeasure to Motion Sickness Following Gravity Transitions in Astronauts	United States	A1	IAF/IAA SPACE LIFE SCIENCES	2024-10-11	14:40-14:50	05
Jeimmy Naranjo	Buitrago Lopez	81796	Human Performance of a Colombian Aerospace Force crew in extravehicular space analog in the ILMAH habitat in Nord Dakota (ATLAS)	Colombia	A1	IAF/IAA SPACE LIFE SCIENCES	2024-10-11	13:30-13:40	06
Antonio	Pallotti	85655	terrestrial and space applications of innovations in telemedicine and biomedical monitoring for extreme and remote environments		A1	IAF/IAA SPACE LIFE SCIENCES	2024-10-11	13:40-13:50	06
Angelo C.J.	Vermeulen	88304	Assisted Reproductive Technologies in Space Improve Life on Earth	The Netherlands	A1	IAF/IAA SPACE LIFE SCIENCES	2024-10-11	13:50-14:00	06
Patrizia	Bagnerini	87014	Adaptive vertical farm for space cultivation: a first proof of concept		A1	IAF/IAA SPACE LIFE SCIENCES	2024-10-11	14:00-14:10	06
Marika	Berardini	87675	SIMULATED MICROGRAVITY INDUCES ANTIOXIDANT BARRIER ENZYMES IMPAIRMENT AND CIRCADIAN CLOCK GENES Deregulation	Italy	A1	IAF/IAA SPACE LIFE SCIENCES	2024-10-11	14:10-14:20	06
Antoni	Perez-Poch	85781	Deep learning optimization in cardiovascular deconditioning modelling for long-term human space missions.		A1	IAF/IAA SPACE LIFE SCIENCES	2024-10-11	13:30-13:40	07
Laura Rosa	Cornejo-Rodriguez	88538	Possible Factors in the Cascade of Events Where the CREB1 Gene May Modulate the Adverse Effects of Microgravity on Astronaut Health		A1	IAF/IAA SPACE LIFE SCIENCES	2024-10-11	13:40-13:50	07
ANIBAL	BENTES	84436	Astronaut Parapsychic Training	Brazil	A1	IAF/IAA SPACE LIFE SCIENCES	2024-10-11	14:00-14:10	07
Giorgio	Lorini	90912	EMS Suit: Electrical Muscle Simulation Suit for countering musculoskeletal changes in microgravity through interaction with postural muscles.	Italy	A1	IAF/IAA SPACE LIFE SCIENCES	2024-10-11	14:30-14:40	07
Arkadiusz	Trzos	82799	Cardiopulmonary resuscitation (CPR) in microgravity: Effectiveness of using the MMM vs. the CMRS – CPR simulation in neutral buoyancy.	Poland	A1	IAF/IAA SPACE LIFE SCIENCES	2024-10-11	14:40-14:50	07
Katherine de Luna	Abundis	91701	Evaluation of calcium salts in dietary supplements and nutraceuticals: Proposal for treatment of bone demineralization in astronauts		A1	IAF/IAA SPACE LIFE SCIENCES	2024-10-11	13:30-13:40	08
Sarah Jane	Pell	81143	Breath-actuated VR experimental protocol countermeasures: a report contextualizing an Analog Astronaut HCI user-study	Australia	A1	IAF/IAA SPACE LIFE SCIENCES	2024-10-11	14:00-14:10	08

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Rogelio	Morales	80879	Comején: An Intelligent Autonomous Geological Surveyor and Regolith Processor for Lunar Infrastructure Construction	Venezuela	A3	IAF SPACE EXPLORATION	2024-10-11	13:30-13:40	09
Adriana	Marais	85817	Africa2Moon: A low cost, low frequency radio astronomy array on the Moon	South Africa	A3	IAF SPACE EXPLORATION	2024-10-11	13:40-13:50	09
Ric	Dengel	90222	A synthetic comet and asteroid image dataset for neural network training and system verification	Estonia	A3	IAF SPACE EXPLORATION	2024-10-11	14:00-14:10	09
Robert	Filgas	91528	Miniature semiconductor water mapping neutron spectrometer HardPix	Czech Republic	A3	IAF SPACE EXPLORATION	2024-10-11	14:30-14:40	09
Kirtan	Dhunnoo	88302	testing for the development, verification and validation of large robotic interfaces for the lunar gateway	Canada	A3	IAF SPACE EXPLORATION	2024-10-11	13:30-13:40	10
Krunali	Shah	85801	design of inflatable multi-purpose tower for support of robotic and crewed lunar surface operations	United States	A3	IAF SPACE EXPLORATION	2024-10-11	13:40-13:50	10
Viduranga	Landers	89101	Economical Lunar Sample Return Mission with Soil Penetration Darts	Sri Lanka	A3	IAF SPACE EXPLORATION	2024-10-11	14:00-14:10	10
Irene	Terlizzi	84096	Design and Development of a Compact Legged Drone for underground planetary exploration	Italy	A3	IAF SPACE EXPLORATION	2024-10-11	14:10-14:20	10
Maximilian	von Unwert	88485	Novel methods for qualifying rovers - In-Orbit Demonstration and Verification for Moon rovers	Germany	A3	IAF SPACE EXPLORATION	2024-10-11	14:30-14:40	10
Louis	Burtz	87350	Physically Accurate and Visually Realistic Lunar Surface Simulator for Moon Exploration Missions	Japan	A3	IAF SPACE EXPLORATION	2024-10-11	13:30-13:40	11
Muhammad	Mughal	83782	FLI-ME: a Novel Approach to Lunar Exploration Using Flying Imagers	Oman	A3	IAF SPACE EXPLORATION	2024-10-11	13:40-13:50	11
Zach	Ioannou	83872	SensorPod: a Compact and Lightweight Autonomous Sensor Suite Module for Lunar Surface Exploration	Oman	A3	IAF SPACE EXPLORATION	2024-10-11	13:50-14:00	11
Kosuke	Ikeya	85667	Multi-Objective Decision Analyses on Deploying Lunar In-Situ Resource Utilization Plants under Resource and Operational Uncertainty	United Kingdom	A3	IAF SPACE EXPLORATION	2024-10-11	14:00-14:10	11
Luka	Malone	84022	Decision Support Systems for Lunar In-Situ Resource Utilization Design and Operations under Uncertainty	United Kingdom	A3	IAF SPACE EXPLORATION	2024-10-11	14:10-14:20	11
Zach	Ioannou	89760	What Does Lunar Ice Look Like? The Lunar Regolith Ice and Sublimation Experiment (LRISE)	Oman	A3	IAF SPACE EXPLORATION	2024-10-11	14:20-14:30	11
Arion	Zimmerman	91487	Shadow-invariant Feature Extractor using Binary Neural Networks and Sun-trackers	Switzerland	A3	IAF SPACE EXPLORATION	2024-10-11	14:40-14:50	11
Maurizio	Deffacis	87125	Indoor analogue facilities, from Mars to the Moon: new challenges and innovative solutions to reproduce with high fidelity the Lunar environment exploiting capabilities and skills acquired from	Italy	A3	IAF SPACE EXPLORATION	2024-10-11	13:30-13:40	12
Pavel	Porizka	83974	Laser-Induced Breakdown Spectroscopy instrument for accurate in-situ prospection of space resources	Czech Republic	A3	IAF SPACE EXPLORATION	2024-10-11	13:40-13:50	12
Forrest	Meyen	91407	Lunar Voyage 1: Lunar Outpost's MAPP Rover and Planned Operations for the First Commercial Rover Exploration of The Lunar South Pole	United States	A3	IAF SPACE EXPLORATION	2024-10-11	13:50-14:00	12
Anja	Kohfeldt	84306	A Hybrid Gamma-Ray and Neutron Detector for In-situ Resource Utilization	Norway	A3	IAF SPACE EXPLORATION	2024-10-11	14:00-14:10	12

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Masato	Adachi	91453	Granular Vibration Pumping System for Lifting Lunar Regolith	Japan	A3	IAF SPACE EXPLORATION	2024-10-11	14:10-14:20	12
Beste	Boybaşı	82320	Conceptual Rover Design for Turkish Lunar Mission	Türkiye	A3	IAF SPACE EXPLORATION	2024-10-11	14:20-14:30	12
Asher	Perez	81614	Effect of reactive binders on regolith manufacturing processes	United States	A3	IAF SPACE EXPLORATION	2024-10-11	14:30-14:40	12
Diego	Bussi	87128	Moon Exploration: the Italian integrated ground facility to support technologies testing and lunar operations preparations, validation and execution in a representative lunar environment	Italy	A3	IAF SPACE EXPLORATION	2024-10-11	14:40-14:50	12
Erik	Seedhouse	80813	How decision making lessons from the Antarctic can be applied to Mars missions	United States	A3	IAF SPACE EXPLORATION	2024-10-11	13:30-13:40	13
Rithesh	Murarishett	86633	Rethinking Rover Design with Reconfigurable Robotics	India	A3	IAF SPACE EXPLORATION	2024-10-11	13:40-13:50	13
Emre	Aklan	88197	Development of A Low-Cost Reusable Robotic Lander Prototype with Cold Gas Propulsion System	Türkiye	A3	IAF SPACE EXPLORATION	2024-10-11	14:10-14:20	13
Jeroen	Schimmel	87973	Path planning for an autonomous rover on Lunar surface	The Netherlands	A3	IAF SPACE EXPLORATION	2024-10-11	14:20-14:30	13
Pradyumna	Vyshnav	90438	AI-powered Autonomy Suite for Intelligent Decision-Making in Challenging Environments through Heterogeneous Autonomous Systems	Finland	A3	IAF SPACE EXPLORATION	2024-10-11	14:30-14:40	13
Taeil	Chung	82639	The method for creating icy soil in a Vacuum Chamber	Korea, Republic of	A3	IAF SPACE EXPLORATION	2024-10-11	13:30-13:40	14
Chris	van Dijk	90729	Pale polarized dots: spectropolarimetry of the Earth as an exoplanet with LOUPE	The Netherlands	A3	IAF SPACE EXPLORATION	2024-10-11	13:40-13:50	14
Claudio	Semini	90327	Improved Design and Control for Sliding Locomotion for Legged Rovers on Steep Terrain during Space Exploration	Italy	A3	IAF SPACE EXPLORATION	2024-10-11	14:00-14:10	14
Alisa	Zaripova	90427	Connecting Science Goals To Payloads for Titan Exploration: A Focus on Geomorphology		A3	IAF SPACE EXPLORATION	2024-10-11	14:10-14:20	14
Gennaro	Crispino	89175	SELENE: a Novel Concept for Automatic Transport System from LOP-G to the Moon	Italy	A3	IAF SPACE EXPLORATION	2024-10-11	14:30-14:40	14
Aaron	Persad	86118	Innovative Human-Operated Planetary Surface Exploration Smart Tool for Artemis Lunar Mission	United States	A3	IAF SPACE EXPLORATION	2024-10-11	13:30-13:40	15
Giacomo	Porcarelli	89820	Genetic Algorithm for Lunar Flower Constellation	Italy	A3	IAF SPACE EXPLORATION	2024-10-11	14:30-14:40	15
Ivan	Troisi	87805	Integrated Approach for Water Production and Additive Manufacturing Using Magnetically-Beneficiated Lunar Regolith	Italy	A3	IAF SPACE EXPLORATION	2024-10-11	13:30-13:40	16
Ali Behcet	ALPAT	85497	IRADCAL: A MONOLITHIC INORGANIC SCINTILLATOR AND THIN SCINTILLATORS TO MEASURE LOW ENERGY ELECTRON, PROTON AND HEAVY ION ALBEDO SPECTRUMS FROM LUNAR SURFACE	Italy	A3	IAF SPACE EXPLORATION	2024-10-11	14:30-14:40	16
Ghislain	Dard	82990	Position, Velocity and Time computation based on multiple data sources in the lunar environment.	Italy	A3	IAF SPACE EXPLORATION	2024-10-11	14:40-14:50	16
Agnieszka	Elwertowski	91212	Surviving Solitude: The ELPIS Mission - A Case Study on Astronaut Resilience, Resource Management, and Training for Isolation in ExoSpaceHab-X Habitat	Poland	A3	IAF SPACE EXPLORATION	2024-10-11	13:30-13:40	17

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Valentina	Azzeloni	89216	moon-gar	Mexico	A3	IAF SPACE EXPLORATION	2024-10-11	13:40-13:50	17
Sarkhan	Aghadadas	84892	Kinematic and Structural Analysis of Terrain-Adaptive Wheeled Rovers for Mars Exploration	Azerbaijan	A3	IAF SPACE EXPLORATION	2024-10-11	13:50-14:00	17
Vishal	Youhanna	85807	Parametric Analysis of Rotary VTOL Aerobot Design Configurations to Fly on Titan	United King	A3	IAF SPACE EXPLORATION	2024-10-11	14:00-14:10	17
Carlos Alfredo	Aguilera Ma	82608	development and control of a solar tracker system for space exploration vehicles	Russian Fe	A3	IAF SPACE EXPLORATION	2024-10-11	14:10-14:20	17
Chenhao	Ouyang	86698	A Terrain Features Linked Path Planning Method Based on Point Cloud Cartography for Complex Lunar Environment	China	A3	IAF SPACE EXPLORATION	2024-10-11	14:20-14:30	17
Yingbo	Zhang	86984	Research on Task Allocation Method for Multi-Agent Systems on the Moon with a Distributed Architecture	China	A3	IAF SPACE EXPLORATION	2024-10-11	14:30-14:40	17
Sara	Altrawneh	83156	Investigating Lunar Dust Interaction: CubeSat Experiment to Analyze Substance Response on the Moon's Surface	Jordan	A3	IAF SPACE EXPLORATION	2024-10-11	14:40-14:50	17
Dario	Scimone	91140	ENEA: characterization of Near Earth Objects through the development of an asteroid hopping mission	Italy	A3	IAF SPACE EXPLORATION	2024-10-11	13:40-13:50	18
Masaaki	Nii	88445	How to do engineering of lunar propellant refining plant	Japan	A3	IAF SPACE EXPLORATION	2024-10-11	14:00-14:10	18
Matvei	Andreev	87344	Recycling of aluminum for a multi-tool	Germany	A3	IAF SPACE EXPLORATION	2024-10-11	14:40-14:50	19
Gourav	Mohanan	85569	Lunar Launchpad to Cosmic Frontiers: Navigating Interplanetary Exploration from the Moon	India	A3	IAF SPACE EXPLORATION	2024-10-11	14:40-14:50	20
Alessandra	Di Cecco	82995	On the "Space debris and long-term sustainability" ASI-INAF agreement	Italy	A6	22nd IAA SYMPOSIUM ON	2024-10-11	13:30-13:40	25
Giovanni	Anese	84087	Effects of using power supply in deorbiting with Electrodynamic Tethers	Italy	A6	22nd IAA SYMPOSIUM ON	2024-10-11	13:40-13:50	25
Ryan W.	Shepperd	88858	Using Frozen Orbits and Well-Defined Control Boxes for Constellation Separation	United Stat	A6	22nd IAA SYMPOSIUM ON	2024-10-11	13:50-14:00	25
Nasib	Karimov	82378	the role of ai in space situational awareness: mitigating risks and enhancing operations	Azerbaijan	A6	22nd IAA SYMPOSIUM ON	2024-10-11	14:00-14:10	25
Dan-Andrei	Stanculesc	87285	advancing satellite safety through ai/ml, multi-agent systems, and privacy enhancement techniques		A6	22nd IAA SYMPOSIUM ON	2024-10-11	14:20-14:30	25
Francisco J	Simarro Me	87603	Dynamic Orbital Risk Assessment in a Changing Space Debris Environment	United King	A6	22nd IAA SYMPOSIUM ON	2024-10-11	14:30-14:40	25
Gilberto	Goracci	84748	Artificial Intelligence-based Physics Informed Algorithm for Orbit Determination from Very Short Arcs	Italy	A6	22nd IAA SYMPOSIUM ON	2024-10-11	14:40-14:50	25
Bronislovas	Razgus	88750	Initial Pose Acquisition Phase for Active Debris Removal Missions	Lithuania	A6	22nd IAA SYMPOSIUM ON	2024-10-11	13:30-13:40	26
Vincenzo	Messina	84856	Leveraging Event-Based Cameras for Enhanced Space Situational Awareness: A Nanosatellite Mission Architecture Study	Germany	A6	22nd IAA SYMPOSIUM ON	2024-10-11	13:40-13:50	26

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He	Zhao	86706	Multi-color photometry and classification for multi-platform GEO objects		A6	22nd IAA SYMPOSIUM ON	2024-10-11	13:50-14:00	26
Anton	Liebert	88872	Design of a Hardware-in-the-Loop testbed for the Attitude Control Subsystem of the ELSA-M spacecraft	Germany	A6	22nd IAA SYMPOSIUM ON	2024-10-11	14:00-14:10	26
Francesca	Ottoboni	88820	Short-term reconstruction of fragmentation events in Low Earth Orbit using uncertainty propagation	Italy	A6	22nd IAA SYMPOSIUM ON	2024-10-11	14:30-14:40	26
Alessandra	Gallucci	83244	Upgrade of ESA's DRAMA 4.0 - Introducing the new Space Surveillance and Tracking analysis capability		A6	22nd IAA SYMPOSIUM ON	2024-10-11	13:30-13:40	27
Sakshi	Patil	91741	In-Orbit Space Debris Recycling for Additive Manufacturing Feedstock		A6	22nd IAA SYMPOSIUM ON	2024-10-11	13:40-13:50	27
Jorge	Rubio Antó	86687	Fair Shared Collision Avoidance Manoeuvre for Active vs Active Conjunctions	Spain	A6	22nd IAA SYMPOSIUM ON	2024-10-11	13:50-14:00	27
Jasmin	Schauer	82884	An Analysis of Student Focus and Attention Span in the Characterization of DebrisSat Fragments	United States	A6	22nd IAA SYMPOSIUM ON	2024-10-11	14:00-14:10	27
Juan Luis	Gonzalo	90648	Autonomous collision avoidance on-orbit experiment in the e.Cube mission		A6	22nd IAA SYMPOSIUM ON	2024-10-11	14:10-14:20	27
Mascia	Bucciarelli	90020	Evaluation of the introduction of a neural network into the objects detection process on astronomical images	Italy	A6	22nd IAA SYMPOSIUM ON	2024-10-11	14:20-14:30	27
Toby	Harris	82739	The use of space-to-space Non-Earth Imagery (NEI) to underpin and de-risk space-debris operations	United Kingdom	A6	22nd IAA SYMPOSIUM ON	2024-10-11	14:30-14:40	27
Marco	Pustorino	87679	High-Precision Orbit Propagator Tool for Satellite In-Orbit Collision Verification After Release	Italy	A6	22nd IAA SYMPOSIUM ON	2024-10-11	14:40-14:50	27
Dmitrii	Petrov	85219	Ellipsoid approximation of a space object and rotation determination using optical measurements		A6	22nd IAA SYMPOSIUM ON	2024-10-11	13:30-13:40	28
Katarína	Sabolová	89796	Space weather effect of recently launched rotating space debris via photometric observations	Slovak Republic	A6	22nd IAA SYMPOSIUM ON	2024-10-11	13:40-13:50	28
Andreas	Hornig	88651	Satellite and RSO detection, tracking and orbit-determination by commercial Star Trackers in real-sky performance demonstrations and analytical capacity	Germany	A6	22nd IAA SYMPOSIUM ON	2024-10-11	13:50-14:00	28
Alfredo	Puente-Flores	83063	Novel Multi-purpose Soft Gripper with Tunable Stiffness for Space Grasping	Japan	A6	22nd IAA SYMPOSIUM ON	2024-10-11	14:00-14:10	28
Zhirun	Xue	91640	robust orbit-attitude coupled control for proximity operations of multiple space debris		A6	22nd IAA SYMPOSIUM ON	2024-10-11	14:10-14:20	28
Grecia	Olano O'Brien	91411	Navigating the Legal Frontier: Canada's Approach to Space Sustainability	Canada	A6	22nd IAA SYMPOSIUM ON	2024-10-11	14:20-14:30	28
ANURAG	GUPTA	88778	A Novel Machine-Learning Approach for Detection and Avoidance of Space Debris Collisions	India	A6	22nd IAA SYMPOSIUM ON	2024-10-11	14:30-14:40	28
Alexander	Vandenbergh	81206	Debris tracking from star tracker observations	Belgium	A6	22nd IAA SYMPOSIUM ON	2024-10-11	14:40-14:50	28
Alessandro	Vananti	86784	Shooting approach in optimized boundary value orbit determination		A6	22nd IAA SYMPOSIUM ON	2024-10-11	13:30-13:40	29



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Michael	Lucchi	88756	Targets sequence optimisation for low thrust multiple active debris removal missions with dynamic programming	Italy	A6	22nd IAA SYMPOSIUM ON	2024-10-11	13:40-13:50	29
Rok	Sesko	89822	A modular 1U detector for In-Situ Monitoring of the sub-millimetric Space Debris Environment	Germany	A6	22nd IAA SYMPOSIUM ON	2024-10-11	14:00-14:10	29
Pedro	PINTOR	87416	Plan and execute a collision avoidance strategy for Galileo GSAT0219	Germany	A6	22nd IAA SYMPOSIUM ON	2024-10-11	14:40-14:50	29
Yianni	Hudon-Cas	86270	Legal Framework of On-Orbit Robotic Arm for Active Debris Capture and Removal	Canada	A6	22nd IAA SYMPOSIUM ON	2024-10-11	13:30-13:40	30
Ruth	Stilwell	89152	Integrating orbital carrying capacity into international policy constructs: Leveraging best practices from aviation's risk-based norms.		A6	22nd IAA SYMPOSIUM ON	2024-10-11	13:40-13:50	30
Lorenzo	Arona	87837	Commercial Operators' Pragmatic, Incremental Approach to Space Safety and Sustainability	United King	A6	22nd IAA SYMPOSIUM ON	2024-10-11	14:00-14:10	30
Elisa Maria	Alessi	89275	Orbita evolution of a Molniya fragmentation	Italy	A6	22nd IAA SYMPOSIUM ON	2024-10-11	14:30-14:40	30
Lovejivan	Sidhu	88483	Innovative Space Debris Mitigation: Mechanical Design of a Payload Containing an Electrodynamic Tether integrated with a Carbon Nanotube Cold Cathode for Effective Deorbiting of Nanosatellites		A6	22nd IAA SYMPOSIUM ON	2024-10-11	14:40-14:50	30
Amlan	Sinha	87437	Incorporating orbital debris risk analysis into cislunar orbital procedures and post-mission disposal	United Stat	A6	22nd IAA SYMPOSIUM ON	2024-10-11	13:30-13:40	31
Cesar	Carrasquill	90492	Error Analysis of Bulk-density Measurements for DebrisSat Fragments	United Stat	A6	22nd IAA SYMPOSIUM ON	2024-10-11	13:40-13:50	31
Yurun	Yuan	88924	Long-Term Collision Risk Assessment of Spacecraft Based on Three-Dimensional Space Grid	China	A6	22nd IAA SYMPOSIUM ON	2024-10-11	14:00-14:10	31
Rong-Yu	Sun	87337	Optical observations of cislunar RSO using image stacking	China	A6	22nd IAA SYMPOSIUM ON	2024-10-11	14:30-14:40	31
Giovanni	Ieranò	88829	Numerical implementation of empirical distribution models for spacecraft fragmentation	Italy	A6	22nd IAA SYMPOSIUM ON	2024-10-11	14:40-14:50	31
Léonie	Gasteiner	81422	Polyurethane-Foam Based Space Debris Remediation: A cost-effective and efficient Approach		A6	22nd IAA SYMPOSIUM ON	2024-10-11	13:40-13:50	32
Marta	Guimaraes	85154	Identifying Operational Patterns in LEO Satellite Orbits through Time Series Clustering	Portugal	A6	22nd IAA SYMPOSIUM ON	2024-10-11	14:00-14:10	32
heng	jiang	82802	Designing deorbit strategy using braking sail with multiple electrodynamic tether attached	China	A6	22nd IAA SYMPOSIUM ON	2024-10-11	14:40-14:50	32
Jorge Kenn	Formiga	88830	evolution of orbital parameters of space debris considering orbital maneuvers and ground-based laser.		A6	22nd IAA SYMPOSIUM ON	2024-10-11	13:30-13:40	33
Kumi	Nitta	91573	Response of a Wire Probe Antenna that Simulates the Actual Shape Affected Subjected to Hiper-Velocity Impacts		A6	22nd IAA SYMPOSIUM ON	2024-10-11	13:40-13:50	33
Jinyu	Zhang	83005	The Research of Intelligent Parallel Approach for Space Debris Grasping Manipulator Trajectory Planning		A6	22nd IAA SYMPOSIUM ON	2024-10-11	14:00-14:10	33
Okchul	Jung	83711	reentry prediction of space objects with artificial intelligence techniques	Korea, Rep	A6	22nd IAA SYMPOSIUM ON	2024-10-11	14:40-14:50	33

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Aysha	Alharam	86697	Optimized FPGA-based Real-Time Onboard Processing for Enhanced Maritime Surveillance	Bahrain	B1	IAF EARTH OBSERVATION	2024-10-11	13:30-13:40	34
Muhammad	Mughal	84536	Spaceborne Artificial Intelligence (AI) for Vessel Detection applications	Oman	B1	IAF EARTH OBSERVATION	2024-10-11	13:50-14:00	34
Jonathan	Mihaly	91200	CLARREO Pathfinder Payload and Mission Overview	United States	B1	IAF EARTH OBSERVATION	2024-10-11	14:00-14:10	34
Fabian	Hoppe	82994	Exploring and processing large data sets in earth observation on HPC-systems with Heat	Germany	B1	IAF EARTH OBSERVATION	2024-10-11	14:10-14:20	34
Victor	Miherea	84134	cubeaps. synchronized haps-satellite earth observation	Italy	B1	IAF EARTH OBSERVATION	2024-10-11	14:30-14:40	34
Raffaele	Votta	83216	The Joint ASI - NASA/JPL Surface Biology and Geology Thermal Infrared (SBG-TIR) Mission		B1	IAF EARTH OBSERVATION	2024-10-11	14:40-14:50	34
Maria Daniela	Graziano	84741	SPECTRE: marine traffic monitoring through an innovative AI-powered multi-sensor multi-mission framework	Italy	B1	IAF EARTH OBSERVATION	2024-10-11	13:30-13:40	35
Chanon	Khongprasert	90823	Hardware and Software design for the TSC-1 Payload Flat-Sat Platform: Hyperspectral Imaging and Space Particle Weather Detection	Thailand	B1	IAF EARTH OBSERVATION	2024-10-11	13:30-13:40	36
Xia	Yin	90522	Rolling Collaborative Planning Method for Multi-type Observation Tasks of Mega-Constellations	China	B1	IAF EARTH OBSERVATION	2024-10-11	14:00-14:10	37
Enes	Besli	85948	End-to-End Collapsible Optical Payload for 6U-CubeSat and Satellite Image Enhancement Software for Earth Observation	Germany	B1	IAF EARTH OBSERVATION	2024-10-11	14:10-14:20	37
Djamel	Metmati	81696	The specificity of the risk analysis for the OPS SAT preliminary design	France	B1	IAF EARTH OBSERVATION	2024-10-11	14:20-14:30	37
Sina Tabea	Schulte Strödel	83915	Generative Deep Learning for Enhanced Multi-spectral Surface Analysis and Dimensional Augmentation of Data	Germany	B1	IAF EARTH OBSERVATION	2024-10-11	13:30-13:40	38
LORENA	CARDENAS	85829	FACSAT-2, an achievement that will contribute to the sustainability of the Colombian territory.	Colombia	B1	IAF EARTH OBSERVATION	2024-10-11	13:40-13:50	38
Anselmo	Bettio	86976	probabilistic change detection on satellite images through a novel glcm-pca-sfcm workflow	Italy	B1	IAF EARTH OBSERVATION	2024-10-11	14:00-14:10	38
Luigi	Agrimano	84681	PRISMA Toolbox, a tool for ingestion, interaction and processing of hyperspectral EO data	Italy	B1	IAF EARTH OBSERVATION	2024-10-11	14:40-14:50	38
Yuval	Lorig	86011	Leveraging SaaS platform EO Discover to optimize operations and make informed decisions that drive impact	Israel	B1	IAF EARTH OBSERVATION	2024-10-11	13:30-13:40	39
Yuval	Lorig	86014	SAR-BASED LEAK DETECTION AND CARBON FOOTPRINT REDUCTION	Israel	B1	IAF EARTH OBSERVATION	2024-10-11	13:40-13:50	39
Teresa	Bortolotti	87965	Remote monitoring of ground motion exploiting functional data analysis and nonparametric prediction on multi-temporal DInSAR data	Italy	B1	IAF EARTH OBSERVATION	2024-10-11	13:50-14:00	39
Antonio	Giordano	83851	Miniaturized SAR payload for Earth Observation with nanosatellites	Italy	B1	IAF EARTH OBSERVATION	2024-10-11	14:00-14:10	39
Alessandro	Parisi	87465	Towards real-time blind focusing of SAR Data	Italy	B1	IAF EARTH OBSERVATION	2024-10-11	14:30-14:40	39



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Daniela	Drimaco	83899	Automated Coastal Zone Classification using AI: A systematic method to perform comprehensive land use and land cover classification in coastal areas	Italy	B1	IAF EARTH OBSERVATION	2024-10-11	13:30-13:40	40
Guy	Seguin	85975	Monitoring North Atlantic Right Whales from Space		B1	IAF EARTH OBSERVATION	2024-10-11	14:40-14:50	40
Cameron	Penne	89768	Hyperspectral change detection for monitoring harmful algae blooms in aquatic scenes using Independent Component Analysis	Norway	B1	IAF EARTH OBSERVATION	2024-10-11	13:30-13:40	42
Mehmet Bu	Ekinci	90904	Celestial Body Imaging Trajectory Planning Algorithm for Spaceborne TDI Line Scan Camera	Türkiye	B1	IAF EARTH OBSERVATION	2024-10-11	14:00-14:10	42
Diyang	Shen	90272	multi-satellite cooperative task planning and scheduling for regional target observation	China	B1	IAF EARTH OBSERVATION	2024-10-11	14:10-14:20	42
Filippo	Iodice	84196	Environmental Implications of Atmospheric Ammonia from Agricultural Activities and Control Strategies		B1	IAF EARTH OBSERVATION	2024-10-11	14:40-14:50	42
Ian	Muirhead	85118	The Impacts on Terrestrial Astronomy from Very Low Earth Orbit Telecommunications Constellations	United King	B2	IAF SPACE COMMUNICATION	2024-10-11	13:30-13:40	43
Alex	Jurgutis	83375	Design and Implementation of a Generic Antenna Hat to Facilitate Over the Air Testing for a Microsatellite Platform	Canada	B2	IAF SPACE COMMUNICATION	2024-10-11	13:40-13:50	43
Valeriia	Melnikova	87397	Experience in Using AIS Equipment On-board a CubeSat Spacecraft	Russian Fe	B2	IAF SPACE COMMUNICATION	2024-10-11	13:50-14:00	43
Yanmei	Jia	84886	Research on high-throughput data routing technology for low-earth-orbit (LEO) mega-constellations all-optical networks		B2	IAF SPACE COMMUNICATION	2024-10-11	14:00-14:10	43
Raynell	Inojosa	81887	Radio Link Analysis of a CubeSat-based IoT Communications System with an Integrated Fractal Patch Antenna	The Philipp	B2	IAF SPACE COMMUNICATION	2024-10-11	14:10-14:20	43
Michael	Plumaris	85340	Time Synchronization strategies for a Lunar Radio Navigation System		B2	IAF SPACE COMMUNICATION	2024-10-11	14:20-14:30	43
Anna	Marzullo	87038	Lunar constellation optimization	Italy	B2	IAF SPACE COMMUNICATION	2024-10-11	14:30-14:40	43
Carlo	Albanese	87854	Moonlight Initiative: E2E navigation mission design overview		B2	IAF SPACE COMMUNICATION	2024-10-11	14:40-14:50	43
Spyridon	Gouvalas	83965	Towards the smallest inter-satellite terminal	Luxembourg	B2	IAF SPACE COMMUNICATION	2024-10-11	13:30-13:40	44
Matthias	Kura	84800	trade space analysis and conceptual design for a lunar navigation and communication constellation		B2	IAF SPACE COMMUNICATION	2024-10-11	13:40-13:50	44
Beverley Cl	Saungwem	81989	Analysis of the impact of thermal and structural dynamics on the performance and stability of waveguides in space-based communication systems	Russian Fe	B2	IAF SPACE COMMUNICATION	2024-10-11	13:50-14:00	44
Mayank	Mayank	85239	DESIGN AND DEPLOYMENT FEASIBILITY STUDY OF A 3-PANEL REFLECT-ARRAY ANTENNA FOR 12U CUBESAT	Germany	B2	IAF SPACE COMMUNICATION	2024-10-11	14:00-14:10	44
András	Mihály	82876	Quantum error correction for quantum satellite-based networks	Hungary	B2	IAF SPACE COMMUNICATION	2024-10-11	14:10-14:20	44
Asra	Mahroof	87117	Enhanced GNSS Spoofing Detection Using Machine Learning: Comparative Analysis of kNN and Logistic Regression Models	Pakistan	B2	IAF SPACE COMMUNICATION	2024-10-11	14:20-14:30	44

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Chiara	Palla	86939	Development of VIRGO, a multispectral navigation solution for in-orbit servicing vehicles		B2	IAF SPACE COMMUNICATION	2024-10-11	14:30-14:40	44
Samra	Kiran	87809	Attitude Determination with GPS Carrier Smoothed Code Phase Measurements and Kalman Filtering	Pakistan	B2	IAF SPACE COMMUNICATION	2024-10-11	14:40-14:50	44
Junichiro	Kawaguchi	89927	On a low investment and step-by-step construction of a navigation and traffic control system around the moon		B2	IAF SPACE COMMUNICATION	2024-10-11	13:30-13:40	45
Nadir	Atayev	81110	Integrated Analysis of Atmospheric Performance Models and System-Level Functional Tests for a New Generation Optical Communication Nanosatellite Segment	Azerbaijan	B2	IAF SPACE COMMUNICATION	2024-10-11	13:40-13:50	45
Connor	Thompson	88408	Performance and Status of JHUAPL Frontier Radio Lite TT&C Platform	United States	B2	IAF SPACE COMMUNICATION	2024-10-11	13:50-14:00	45
Tomoki	Mochizuki	82041	Investigating On-Orbit Validity of High-Precision Formation Flight Navigation and Control with Optical Laser Sensor-Equipped 3U CubeSats		B2	IAF SPACE COMMUNICATION	2024-10-11	14:00-14:10	45
Marten	Berlin	90465	Parameter analysis on a CubeSat constellation for a 6G communication network in northern Germany		B2	IAF SPACE COMMUNICATION	2024-10-11	14:10-14:20	45
Najam	Naqvi	90881	The Establishment of the First Global Navigation Satellite Systems (GNSS) Research Lab	Pakistan	B2	IAF SPACE COMMUNICATION	2024-10-11	14:20-14:30	45
Benjamin	Rödiger	80835	Verification of laser communication terminals for CubeSats as preparation for missions PIXL-1 and QUBE under atmospheric conditions	Germany	B2	IAF SPACE COMMUNICATION	2024-10-11	13:30-13:40	46
Javier	Jordán-Parrón	88182	Modelling and performance evaluation of satellite links for quantum key distribution networks	Spain	B2	IAF SPACE COMMUNICATION	2024-10-11	13:40-13:50	46
Javier	Jordán-Parrón	87620	Performance evaluation of long-range quantum key distribution networks with satellite trusted nodes	Spain	B2	IAF SPACE COMMUNICATION	2024-10-11	13:50-14:00	46
Lucas	VIVACQUA	90753	on relativistic effects in the gnss clocks	Brazil	B2	IAF SPACE COMMUNICATION	2024-10-11	14:00-14:10	46
Alessia	Sbriglio	88892	Autonomous Orbit Determination Based on Ground Imaging.	Italy	B2	IAF SPACE COMMUNICATION	2024-10-11	14:10-14:20	46
Luca	Andolfi	84896	Moon Landing based on Multi-Sensor Fusion of Lunar Navigation Satellites and Onboard Sensor observables		B2	IAF SPACE COMMUNICATION	2024-10-11	14:20-14:30	46
Gabriela	Calistro Rivilla	88169	Building Europe's first space-based QKD System – the German Aerospace Center's role in the EAGLE-1 project	Germany	B2	IAF SPACE COMMUNICATION	2024-10-11	14:30-14:40	46
Sebastiano	Cocchi	87771	Enhancing resilience and adaptability in free space time-bin encoding Quantum Key Distribution	Italy	B2	IAF SPACE COMMUNICATION	2024-10-11	14:40-14:50	46
Lady Charlotte	Disacula	82452	Design and Development of a Localized Small Satellite Communication Subsystem with FPGA-Based Transceiver	The Philippines	B2	IAF SPACE COMMUNICATION	2024-10-11	13:30-13:40	47
Toma	Kazuki	83288	staged deployment plan of lunar navigation satellite constellation considering demand uncertainty	Japan	B2	IAF SPACE COMMUNICATION	2024-10-11	13:40-13:50	47
Thitichaya	Saejong	86468	The Dual-Monopole Antennas Placement Optimization Using Evolutionary Strategy Algorithms for Thai Space Consortium-1 Satellite (TSC-1)	Thailand	B2	IAF SPACE COMMUNICATION	2024-10-11	13:50-14:00	47
Francesco	De Cecio	91061	Enabling on-board relative ranging with commercial off-the-shelf software-defined radios: the VULCAIN mission inter-satellite IOD		B2	IAF SPACE COMMUNICATION	2024-10-11	14:40-14:50	47

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Elisa	Jager	88312	Research Capabilities of the New Australian Quantum Optical Communications Ground Station	Australia	B2	IAF SPACE COMMUNICATION	2024-10-11	13:30-13:40	48
Shunichiro	Nomura	84853	System Design Studies of a Low Earth Orbit Radio-Optical Hybrid Communication Satellite Constellation with a Modularized Simulator		B2	IAF SPACE COMMUNICATION	2024-10-11	13:40-13:50	48
Alexander	Koehler	88165	First measurements at the optical ground station in Trauen		B2	IAF SPACE COMMUNICATION	2024-10-11	13:50-14:00	48
Yusuf	Alqattan	84770	A New Type of Satellite Laser Communication System Utilizing Commercial Components	Bahrain	B2	IAF SPACE COMMUNICATION	2024-10-11	14:10-14:20	48
Luis	Cormier	85304	Alternative Orbits for Improving Lunar Navigation Services	United King	B2	IAF SPACE COMMUNICATION	2024-10-11	14:30-14:40	48
Ali	Alqaraan	82972	Integrated Approach to PCB Design and Manufacturing for 3U Satellite In-house Payload	Bahrain	B2	IAF SPACE COMMUNICATION	2024-10-11	14:40-14:50	48
Atzin Ferna	Constantin	82086	Femtosatellite for Studying Thermal Atmosphere Dynamics: A Step Towards Space Debris Mitigation	Russian Fe	B4	31st IAA SYMPOSIUM ON	2024-10-11	13:30-13:40	49
Daniele	Urban	83997	SEE: A CubeSat to study solar activity and Space Weather	Italy	B4	31st IAA SYMPOSIUM ON	2024-10-11	13:40-13:50	49
Jesus Anton	Tapia Galla	90836	Comprehensive methodology and best practices for On-Board Computer System engineering design: Lessons learned from Chasqui-II nanosatellite development in the APSCO CubeSat	Peru	B4	31st IAA SYMPOSIUM ON	2024-10-11	13:50-14:00	49
Rishabh	Maurya	90034	Sailing Through Space: Advancing Space Exploration with Maneuverable Solar-Sailed Small Satellites	India	B4	31st IAA SYMPOSIUM ON	2024-10-11	14:00-14:10	49
Nadir	Atayev	81109	Actual and future trends of Nanosatellite platforms, ensuring the basic concept level mission design for Sustainable Space		B4	31st IAA SYMPOSIUM ON	2024-10-11	14:40-14:50	49
Christophe	Teale	87926	Gaussian process for modelling the space environment from sparse data collected by massively distributed femtosatellite networks	United King	B4	31st IAA SYMPOSIUM ON	2024-10-11	13:30-13:40	50
Meng	Xu	85346	A Topology Optimization Strategy for Multi-Layered Small Satellite Constellation Systems	China	B4	31st IAA SYMPOSIUM ON	2024-10-11	13:40-13:50	50
Tania	McNamara	80957	QlevEr Sat: demonstrating an edge AI for EO mission on a 2U payload ground model	France	B4	31st IAA SYMPOSIUM ON	2024-10-11	13:50-14:00	50
Juan Pablo	Puente Her	88461	Astraeus-01 Mission Proposal: a Student CubeSat for Autonomous Wildfire Risk Assessment Enhanced by Technology Demonstration	United King	B4	31st IAA SYMPOSIUM ON	2024-10-11	14:00-14:10	50
Tony	Erdmann	85851	BEESAT-9 Re-Entry: Applying Lessons Learned from Operating Previous BEESAT Re-Entries	Germany	B4	31st IAA SYMPOSIUM ON	2024-10-11	14:10-14:20	50
Davide	Calabrese	89333	HERMES Pathfinder Mission Operations Center: advancing Automation, Adaptability and Scalability of the missions by exploiting Cloud Based Architectures	Italy	B4	31st IAA SYMPOSIUM ON	2024-10-11	14:30-14:40	50
Mohamma	Alandihalla	87367	Autonomous Orbital Correction for Nano Satellites Using J2 Perturbation and LSTM Networks	Luxembour	B4	31st IAA SYMPOSIUM ON	2024-10-11	14:40-14:50	50
Eduardo	Muñoz Arre	91033	Test Bench for magnetic attitude control systems validation for Cubesats as driver of technological development of mexican space sector	Mexico	B4	31st IAA SYMPOSIUM ON	2024-10-11	13:30-13:40	51
Daniel	Holliday	82886	Development of a spacecraft concept to support a novel, high-resolution, wide-swath optical payload	United King	B4	31st IAA SYMPOSIUM ON	2024-10-11	13:50-14:00	51

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Kevin	Waizenegg	91181	System Design of the Satellite ROMEO for the Inner Radiation Belt of the Medium Earth Orbit	Germany	B4	31st IAA SYMPOSIUM ON	2024-10-11	14:00-14:10	51
Juana Lizet	Sanchez Sa	86558	Low-cost proposal for satellite data and image reception software using software defined radio and open-source software based on gnuradio.	Mexico	B4	31st IAA SYMPOSIUM ON	2024-10-11	14:10-14:20	51
XIN	CAO	84916	Spacecraft Attitude Control Law Solution Using SDE-Net Network for Time-Varying Moment of Inertia	China	B4	31st IAA SYMPOSIUM ON	2024-10-11	14:20-14:30	51
Jiaolong	Zhang	87157	hybrid optimization method for structural configuration and size of CubeSat deployer	China	B4	31st IAA SYMPOSIUM ON	2024-10-11	14:40-14:50	51
Wolfgang	Treberspurg	81204	Radiation hardness of a space monitoring instrument	Austria	B4	31st IAA SYMPOSIUM ON	2024-10-11	13:30-13:40	52
Tobia Arma	La Marca	84918	Guidance, Navigation and Control strategy for a mission in Very Low Earth Orbit	Italy	B4	31st IAA SYMPOSIUM ON	2024-10-11	14:00-14:10	52
Angelo	Boceda	86608	Attitude Determination for Cubesats Through I-V Measurements on Main Solar Panels		B4	31st IAA SYMPOSIUM ON	2024-10-11	14:10-14:20	52
Egidio	D'Amato	88223	Model Predictive Control for Nano-Satellite Formation Guidance in Low Earth Orbit	Italy	B4	31st IAA SYMPOSIUM ON	2024-10-11	14:30-14:40	52
Egidio	D'Amato	88238	Distributed Moving Horizon Estimation and Consensus for Enhanced Satellite Orbit Determination within Constellations	Italy	B4	31st IAA SYMPOSIUM ON	2024-10-11	14:40-14:50	52
Alex	Caon	87563	DOCKS: docking system for microsatellites	Italy	B4	31st IAA SYMPOSIUM ON	2024-10-11	13:30-13:40	53
Victor Jose	Ochave	89967	design and evaluation of a satellite power control unit for improved mission operations	The Philipp	B4	31st IAA SYMPOSIUM ON	2024-10-11	14:00-14:10	53
Raffaele	Minichini	87061	DAPHNE: Demonstrative Advanced multimission Platform Harnessing sustainable New space Economy	Italy	B4	31st IAA SYMPOSIUM ON	2024-10-11	14:10-14:20	53
Antonio	Abruscato	85862	Small Satellites Application for Optical Communications Around the Moon: A Feasibility Study	Italy	B4	31st IAA SYMPOSIUM ON	2024-10-11	14:40-14:50	53
Arwa	Bin tareef	83890	CubeSat-Based Material Testing in Space: Evaluating Radiation Resistance for Astronaut Suit Applications	Jordan	B4	31st IAA SYMPOSIUM ON	2024-10-11	13:30-13:40	54
Michèle	Lavagna	91459	Derisking the AIVAIT phase for constellation: the HERMES approach	Italy	B4	31st IAA SYMPOSIUM ON	2024-10-11	13:50-14:00	54
Eleonora	Andreis	85058	Autonomous Vision-Based Navigation for Deep-Space CubeSats: Algorithm Development and Hardware Validation	Italy	B4	31st IAA SYMPOSIUM ON	2024-10-11	14:00-14:10	54
Lorenzo	Capra	91111	HERMES constellation for astrophysics: the thermal modeling and testing strategy for qualification	Italy	B4	31st IAA SYMPOSIUM ON	2024-10-11	14:10-14:20	54
Tanya	Vladimirova	87187	Artificial Intelligence Enabled Multipurpose High-Performance Computing System on Board Small Spacecraft	United King	B4	31st IAA SYMPOSIUM ON	2024-10-11	14:20-14:30	54
Mohammed	BELDJEHEN	80770	A Low-Cost Supercapacitors Battery Design for Cube Satellite Application	Algeria	B4	31st IAA SYMPOSIUM ON	2024-10-11	14:40-14:50	54
Aman	Bhavsar	84472	Development of advanced ADCS and Pointing system for an optical space telescope based on a 6U metamorphic cubesat by integrating Artificial	India	B4	31st IAA SYMPOSIUM ON	2024-10-11	14:10-14:20	55

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Dulce Fern	Lopez Salva	87874	Lunar exploration using small satellites: Design and Implementation	Mexico	B4	31st IAA SYMPOSIUM ON	2024-10-11	14:10-14:20	56
Guglielmo	Gomiero	91139	Relative GN&C solution to determine small-scale features and the internal structure of a 40 m diameter asteroid		B4	31st IAA SYMPOSIUM ON	2024-10-11	14:30-14:40	56
Salvador Ed	Romero de	89895	Chasqui II: Proposed CubeSat mission to study the energetic particle precipitation at low L-shell caused by SuperBolts in South America	Peru	B4	31st IAA SYMPOSIUM ON	2024-10-11	14:30-14:40	57
Ali	Jafarov	90719	planetary exploration with cubesats and smallsats	Azerbaijan	B4	31st IAA SYMPOSIUM ON	2024-10-11	14:40-14:50	57
Leonhard	Kessler	87490	Advancing Digital Twin Implementation for CubeSats: Integrating Theoretical Insights with Real-world Applications	Germany	B5	IAF SYMPOSIUM ON INTEGRATED	2024-10-11	13:40-13:50	58
king	kumire	81131	A Multidisciplinary Inquiry into the Integration of Advanced Geospatial Technologies for Enhanced Anti-Money Laundering and Financial Crime Detection	South Africa	B5	IAF SYMPOSIUM ON INTEGRATED	2024-10-11	13:50-14:00	58
wentao	he	84439	Research on Intelligent Routing for Integrated Satellite-Terrestrial Networks through Autonomous Multi-agent Collaboration	China	B5	IAF SYMPOSIUM ON INTEGRATED	2024-10-11	14:00-14:10	58
Simone	Giannattas	85403	An advanced tool for Interactive Mission Modeling & Visualization/Validation of Space-Based Scenarios	Italy	B5	IAF SYMPOSIUM ON INTEGRATED	2024-10-11	14:40-14:50	58
Ilham	Suleymanov	85959	Leveraging Satellite Data for Sustainable Urban Development: A Paradigm Shift in Urban Planning	Azerbaijan	B5	IAF SYMPOSIUM ON INTEGRATED	2024-10-11	13:30-13:40	59
Filippo	Ferrucci	91155	VINETO: empowering winemakers	Italy	B5	IAF SYMPOSIUM ON INTEGRATED	2024-10-11	14:30-14:40	59
Mathieu	Schmitt	89193	Exploring Open Source Software and Ground Segment as a Service - Yamcs Cloud	Belgium	B6	IAF SPACE OPERATIONS	2024-10-11	13:30-13:40	60
Luigi	Palladino	85344	Automated Anomaly Detection Integrated in a Modern Mission Control System	Germany	B6	IAF SPACE OPERATIONS	2024-10-11	13:40-13:50	60
Gene	Rogers	83131	Extending Operational Lifetimes for Selected United States Space Force Orbital Assets	United States	B6	IAF SPACE OPERATIONS	2024-10-11	13:50-14:00	60
Antonio Vit	Montalbò	84834	Development and validation of a predictive model for the estimation of station keeping operations for electric propulsion geostationary satellites via passive observables	Italy	B6	IAF SPACE OPERATIONS	2024-10-11	14:00-14:10	60
ROOPA	MV	91532	Ground Segment for Chandrayaan-3: ISTRAC Panorama	India	B6	IAF SPACE OPERATIONS	2024-10-11	14:10-14:20	60
Abdulkadir	Köker	85759	hardware in the loop testing of orbit determination operation for turksat 6a	Türkiye	B6	IAF SPACE OPERATIONS	2024-10-11	14:30-14:40	60
Eleonora	Mariotti	85730	Optimized Machine Learning-based strategies for on-board S/C failure detection: software integration and testing on a space-qualified processor	Italy	B6	IAF SPACE OPERATIONS	2024-10-11	14:40-14:50	60
Mariam	Al Kuwaiti	86541	Enhancing Ground Station Operations: An Automated Approach to Satellite Image Downlinking	United Arab Emirates	B6	IAF SPACE OPERATIONS	2024-10-11	13:30-13:40	61
Alejandro	Sabán	84141	Autonomous Flight Safety System: Embedded Software and Hardware equipment for NewSpace ground and onboard safety	Spain	B6	IAF SPACE OPERATIONS	2024-10-11	13:40-13:50	61
Vassilios	Silaidis	84181	Multi-Disciplinary Optimization of Air-Launched Vehicles: A Genetic Algorithm Approach	Italy	B6	IAF SPACE OPERATIONS	2024-10-11	14:00-14:10	61

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Savannah	Buchner	88179	Virtual Reality Displays for Spaceflight Operations and Training	United States	B6	IAF SPACE OPERATIONS	2024-10-11	14:40-14:50	61
Zhun	Feng	86629	Efficient astronomical observation mission planning strategy in the Einstein Probe satellite Missions	China	B6	IAF SPACE OPERATIONS	2024-10-11	13:30-13:40	62
Carlo	Canali	85071	Cable driven robot for space operation	Italy	B6	IAF SPACE OPERATIONS	2024-10-11	13:40-13:50	62
Rocco	Larocca	89504	Methods for Optimizing a Monte Carlo Campaign for an Aerospace Model: Sampling and Representativeness Considerations	Italy	B6	IAF SPACE OPERATIONS	2024-10-11	14:40-14:50	62
Jing	Yuan	87236	"Xiyuan" Space Debris Removal demonstration mission	China	B6	IAF SPACE OPERATIONS	2024-10-11	13:30-13:40	63
Chuang	Liu	88957	Multi-Pursuer Multi-Target Encirclement Strategy based on Multi-Agent Deep Deterministic Policy Gradient	China	B6	IAF SPACE OPERATIONS	2024-10-11	13:40-13:50	63
Robert	Cowlshaw	90069	Advancing Satellite Network Consensus through Optimal Orbital Configurations	United Kingdom	B6	IAF SPACE OPERATIONS	2024-10-11	14:30-14:40	63
Andrey	Belyaev	89505	An approach for satellite constellation design for space object observation	Russian Federation	B6	IAF SPACE OPERATIONS	2024-10-11	14:40-14:50	63
Liqiang	Hou	86341	Continuous Estimator for Space Logistics Network Optimization with Multiple Vehicles		C1	IAF ASTRODYNAMICS	2024-10-11	13:30-13:40	64
Toshihiro	Chujo	89229	Long-Term Station Keeping around Earth-Moon Synodic Resonant Halo Orbits Using Solar Sails in High-Fidelity Dynamics Model		C1	IAF ASTRODYNAMICS	2024-10-11	13:40-13:50	64
Longwei	Xu	83548	Reinforcement Learning for Real-Time Low-Thrust Relative Orbital Rendezvous Design		C1	IAF ASTRODYNAMICS	2024-10-11	13:50-14:00	64
Zicen	Xiong	83549	Satellite formation control using multi-agent deep reinforcement learning		C1	IAF ASTRODYNAMICS	2024-10-11	14:00-14:10	64
Martina	Ciambellini	88679	Optical and Radio Data Fusion for Spacecraft Navigation and Geophysical Investigations	Italy	C1	IAF ASTRODYNAMICS	2024-10-11	14:10-14:20	64
Andrea	Pasquale	90567	Systematic Analysis of Cislunar Escape Opportunities for Exploration and Planetary Defence Missions	Germany	C1	IAF ASTRODYNAMICS	2024-10-11	14:20-14:30	64
Rakesh Kumar	Sahoo	86384	Coupled rendezvous and docking maneuver control of spacecraft using fast fixed-time sliding mode controller	India	C1	IAF ASTRODYNAMICS	2024-10-11	14:30-14:40	64
Yang	Wang	86811	Reachable Set of Invariant Manifold with Low Thrust		C1	IAF ASTRODYNAMICS	2024-10-11	14:40-14:50	64
Damiana	Losa	85981	Feasibility Study of an All-Electric Rendezvous Mission in GEO Orbit	France	C1	IAF ASTRODYNAMICS	2024-10-11	13:30-13:40	65
Ming	LU	86769	Constrained attitude control of spacecraft under angular velocity constraints and input saturation		C1	IAF ASTRODYNAMICS	2024-10-11	13:40-13:50	65
Lin	Chen	87429	unsaturated maintenance and reconstruction of high specific impulse spacecraft formation		C1	IAF ASTRODYNAMICS	2024-10-11	13:50-14:00	65
Mikhail	Ovchinnikov	91671	Exhaustive Parametric Analysis of Minimum-Energy Coplanar Low-Thrust Transfers		C1	IAF ASTRODYNAMICS	2024-10-11	14:00-14:10	65



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Agostino	Madonna	89289	Orbit-attitude coupled guidance and control for constrained trajectory generation and tracking during final approach to non-cooperative spacecraft	Italy	C1	IAF ASTRODYNAMICS	2024-10-11	14:10-14:20	65
thomas	chambon	85292	A robust approach merging deep learning and unscented Kalman for vision based space rendez-vous		C1	IAF ASTRODYNAMICS	2024-10-11	14:20-14:30	65
Haobo	Kang	85163	enhanced convex optimization strategies in 6-dof non-coplanar orbital maneuver trajectory design	China	C1	IAF ASTRODYNAMICS	2024-10-11	14:30-14:40	65
Sahil	Parmar	91560	A Comprehensive Examination of the Integration of Machine Learning with GNC Systems for Optimized Entry, Descent, and Landing Missions		C1	IAF ASTRODYNAMICS	2024-10-11	14:40-14:50	65
Riccardo	Gatti	83809	Optimization of Electro spray Thruster Configuration and Control Allocation for Spacecraft Attitude Control		C1	IAF ASTRODYNAMICS	2024-10-11	13:30-13:40	66
Duozhi	Gao	84492	Robust Powered Descent Guidance Using Successive Convexification and Tube Model Predictive Control		C1	IAF ASTRODYNAMICS	2024-10-11	13:40-13:50	66
Ming	Xu	86470	Approximate Analytical Solution to Spacecraft Optimal Docking Using Koopman Operator Theory	China	C1	IAF ASTRODYNAMICS	2024-10-11	13:50-14:00	66
Guillermo	Zaragoza P	84269	Model Predictive Control Strategy with a Decreasing Horizon Interval for a Reusable Launcher in a Landing Scenario		C1	IAF ASTRODYNAMICS	2024-10-11	14:00-14:10	66
Matteo	Rosa	89339	Deep learning based resolution of attitude ambiguities for relative pose estimation of unknown and uncooperative targets		C1	IAF ASTRODYNAMICS	2024-10-11	14:10-14:20	66
Chiara	Finocchietti	86912	Euclid Fine Guidance Sensor: design and ground validation		C1	IAF ASTRODYNAMICS	2024-10-11	14:20-14:30	66
KanuPriya	Govila	89416	A Novel Approach for Autonomous Spacecraft Recovery to Sun Pointing Orientation	India	C1	IAF ASTRODYNAMICS	2024-10-11	14:30-14:40	66
Vladislav	Zubko	81483	Complex analysis of a mission to Venus with gravity assist and resonant orbits under the lander-orbiter constraints		C1	IAF ASTRODYNAMICS	2024-10-11	14:40-14:50	66
Wenbo	Xiu	84443	Observability-based orbiter aided cooperative navigation for asteroid landing		C1	IAF ASTRODYNAMICS	2024-10-11	13:30-13:40	67
Avijit	Banerjee	88546	Onboard Perception-based Autonomous Visual Navigation around Small Celestial Bodies	Sweden	C1	IAF ASTRODYNAMICS	2024-10-11	13:40-13:50	67
Tianji	Chen	87920	Transfer to asteroids during close encounter using finite-time Lyapunov exponent fields	China	C1	IAF ASTRODYNAMICS	2024-10-11	13:50-14:00	67
Andrea	Pasquale	90541	Lunar Constellation Deployment Techniques Leveraging Natural Perturbations	Germany	C1	IAF ASTRODYNAMICS	2024-10-11	14:00-14:10	67
Niccolò	Faraco	88645	Synthetic Variable-Baseline Variable-Orientation Stereo Camera System for Relative Navigation in Close Proximity		C1	IAF ASTRODYNAMICS	2024-10-11	14:10-14:20	67
Simone	Di Fede	82506	Ionospheric Plasma Drag on Small Satellites in Low-Earth Orbit	Singapore,	C1	IAF ASTRODYNAMICS	2024-10-11	14:20-14:30	67
Luca	Bartolucci	87509	Inspection of Space Rider with a 12U CubeSat: Ensuring Safety and Efficiency	Italy	C1	IAF ASTRODYNAMICS	2024-10-11	14:30-14:40	67
Simeng	Huang	87154	An Orbital Game Control Algorithm for On-Board Application by Behaviour Cloning	China	C1	IAF ASTRODYNAMICS	2024-10-11	14:40-14:50	67

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Sheikha	Al-Nasser	88207	SRAD Capacitive Level Sensor for Propellant Measurement of a Liquid Rocket	Norway	C4	IAF SPACE PROPULSION	2024-10-11	13:40-13:50	68
Blanca	Pavón-Cast	82039	Development and Preliminary Evaluation of Plugim Electrospray Thruster: Focus on the Fuel Management System and Power Processing Unit	Spain	C4	IAF SPACE PROPULSION	2024-10-11	13:50-14:00	68
Adrià	Barceló	81227	optimisation and durability assessment of rf helicon-based plasma thruster (k-2) for very low earth orbit air-breathing electric propulsion	Spain	C4	IAF SPACE PROPULSION	2024-10-11	14:00-14:10	68
Max	Amer	82275	Experimental Testing and Numerical Simulation Validation of an Air Intake for Air-Breathing Electric Propulsion (ABEP) Systems	Spain	C4	IAF SPACE PROPULSION	2024-10-11	14:10-14:20	68
Lorenzo	Niccolai	85015	Optimal trajectories for a spacecraft propelled by an E-sail with piecewise inertially-fixed attitude	Italy	C4	IAF SPACE PROPULSION	2024-10-11	14:20-14:30	68
Antonella	Ingenito	91448	MULTIDISCIPLINARY DESIGN OPTIMIZATION OF A SUPERSONIC WIND TUNNEL	Italy	C4	IAF SPACE PROPULSION	2024-10-11	14:30-14:40	68
Francesco	Marino	82413	Modeling, Simulation and Testing of an Innovative Engineering Model Water-based Propulsion Unit for Cubesats	Italy	C4	IAF SPACE PROPULSION	2024-10-11	14:40-14:50	68
Samuel	Feldman	82204	A Levitated Displacement Interferometer Thrust Stand for Characterization of Propellantless Propulsion Concepts	United Stat	C4	IAF SPACE PROPULSION	2024-10-11	13:30-13:40	69
Martin	Mačák	91557	Numerical model of rarefied gas interaction with charged particles		C4	IAF SPACE PROPULSION	2024-10-11	13:50-14:00	69
İlknur	Akkaya	91823	Investigating Ignition Lead Times Across Fuel Variations in Hybrid Rocket Motors		C4	IAF SPACE PROPULSION	2024-10-11	14:10-14:20	69
Filippo	Maggi	90623	Hydrolytic space propulsion: \ a new opportunity for cubesat missions	Italy	C4	IAF SPACE PROPULSION	2024-10-11	14:30-14:40	69
Lakshmi Na	Peri	91444	A SMALL LAUNCHER INCLUDING A DUAL MODE RAMJET AS SECOND STAGE		C4	IAF SPACE PROPULSION	2024-10-11	13:30-13:40	70
Antonella	Ingenito	89543	NUMERICAL AND EXPERIMENTAL ANALYSIS OF NEW PROPELLANT FORMULATIONS FOR HYBRID ROCKETS	Italy	C4	IAF SPACE PROPULSION	2024-10-11	13:40-13:50	70
Antonella	Ingenito	89631	SOLID MICROROCKETS FOR LOW THRUST APPLICATIONS		C4	IAF SPACE PROPULSION	2024-10-11	13:50-14:00	70
Denis	Egoshin	89718	INFLUENCE OF SURFACE AREA AND PROPELLANT MATERIAL ON THE IMPULSE BIT IN ABLATIVE PULSE PLASMA ACELERATOR	Russian Fe	C4	IAF SPACE PROPULSION	2024-10-11	13:50-14:00	71
Claudio An	Morales Be	81167	Improving rocket nozzle efficiency with rough surfaces	Mexico	C4	IAF SPACE PROPULSION	2024-10-11	14:00-14:10	72
Kavya	Dichwalkar	91838	dual flame holder design for enhanced efficiency and blowout control in liquid propellant rocket afterburners		C4	IAF SPACE PROPULSION	2024-10-11	14:00-14:10	73
Syed Shan	Shah	82563	Low-thrust Minimum-time Orbital Transfer using Picard-Chebyshev homotopy method	China	D2	IAF SPACE TRANSPORTATION	2024-10-11	13:30-13:40	75
Roberta	Fusaro	85895	Preliminary design and mission analysis for the ascent phase of a Single-Stage-To-Orbit vehicle	Italy	D2	IAF SPACE TRANSPORTATION	2024-10-11	13:40-13:50	75
David Andr	Díaz Alvare	89885	Colombian Aerospace Launch System (SILAC)	Colombia	D2	IAF SPACE TRANSPORTATION	2024-10-11	13:50-14:00	75

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Alessandro	Mazzone	83243	Conversion Of A Two-Stage Expendable Rocket Into A Reusable System And Analysis Of Its Re-entry Dynamics		D2	IAF SPACE TRANSPORTATION	2024-10-11	14:00-14:10	75
Akhil	Gujral	84361	A Transformational National Security Space Launch Strategy for Onboarding New Commercial Launch Systems	United States	D2	IAF SPACE TRANSPORTATION	2024-10-11	14:10-14:20	75
Giulio	Avanzini	88991	A conceptual design tool for preliminary sizing of suborbital transatmospheric vehicles	Italy	D2	IAF SPACE TRANSPORTATION	2024-10-11	14:40-14:50	75
Zahra	Imanova	86015	Navigating the Space Maze: Optimizing Launch Service Selection		D2	IAF SPACE TRANSPORTATION	2024-10-11	13:30-13:40	76
Tommaso	Pantalani	90323	Sensors hybridization for distributed launcher system navigation development: first results of the NIBBIO project		D2	IAF SPACE TRANSPORTATION	2024-10-11	13:40-13:50	76
Cong	Zhou	87227	COMPUTATIONALLY EFFICIENT LANDING GUIDANCE FOR REUSABLE ROCKET	China	D2	IAF SPACE TRANSPORTATION	2024-10-11	13:50-14:00	76
Yuvanesh	Naveen	91483	From Dream to Reality: Assessing the Practicality of Hypersonic Transportation	India	D2	IAF SPACE TRANSPORTATION	2024-10-11	14:00-14:10	76
Jack	Johnston	84285	Real-time adaptive apogee prediction for a suborbital student rocket		D2	IAF SPACE TRANSPORTATION	2024-10-11	14:10-14:20	76
Ahmet Nuri	Yilmaz	88150	Comprehensive Simulation of Rocket Flight Trajectories with Active Canard Control for Descent Path Correction		D2	IAF SPACE TRANSPORTATION	2024-10-11	14:40-14:50	76
Joachim Im	Reinhold	81667	From Myth to Reality: The Sea Dragon's Rebirth as Earth's Zero-Debris Launch Titan	Germany	D2	IAF SPACE TRANSPORTATION	2024-10-11	13:30-13:40	77
Rok	Kete	90354	From Lunar Orbital Platform-Gateway to Interplanetary Transport Spacecraft-Getaway (M-ITS Development Update 2024)	Slovenia	D2	IAF SPACE TRANSPORTATION	2024-10-11	13:40-13:50	77
Ceyda	Yarimbatm	90313	Requirement to Thrive: Embracing the New Era in New Space - A Digitalization Approach to Launch Processes and Management		D2	IAF SPACE TRANSPORTATION	2024-10-11	14:10-14:20	77
Davide	Cozzi	84280	Feasibility Analysis of an Innovative Cannon-Based Launch System for Orbital Injection	Italy	D2	IAF SPACE TRANSPORTATION	2024-10-11	14:30-14:40	77
Isacco	Pretto	87409	Standard Docking Interface Development for ESA's POC1 Mission	Italy	D2	IAF SPACE TRANSPORTATION	2024-10-11	14:40-14:50	77
I.	Pessôa-Lo	91160	The Booming Global Space Market and the Demand for International Space Regulation-Arbitration Alignment	Portugal	E3	37th IAA SYMPOSIUM ON	2024-10-11	13:30-13:40	78
Jakub	Leś	89637	Avoiding the Kessler Syndrome: Perspective on Implementation of Tax Measures on Payload Launches into Low Earth Orbit and Sustainable Development of LEO	Poland	E3	37th IAA SYMPOSIUM ON	2024-10-11	13:50-14:00	78
Leyla	Hasanova	88841	International cooperation in using space for sustainable development: the "space2030" agenda		E3	37th IAA SYMPOSIUM ON	2024-10-11	14:00-14:10	78
Philippe	Clerc	90978	Space based data policies and the new challenges of open data and big data	France	E3	37th IAA SYMPOSIUM ON	2024-10-11	14:10-14:20	78
Sebastian M	Ernst	91063	On the significant benefits of Open Source as observed in other industries that the space sector does not benefit of – yet – and why	Germany	E3	37th IAA SYMPOSIUM ON	2024-10-11	14:20-14:30	78
Giulia	Bordacchin	84718	The space law body and private lunar activities: the case of Lunar Resources Utilisation.		E3	37th IAA SYMPOSIUM ON	2024-10-11	14:30-14:40	78

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Domenico	Barretta	90097	Fostering Innovative Earth Observation Solutions through Commercialisation: ESA's Zero-Equity Funding Program	Italy	E3	37th IAA SYMPOSIUM ON	2024-10-11	14:40-14:50	78
Kim	Hansaem	84617	Development of Digital Simulation of Lunar Environment for Lunar Habitat Design	Korea, Rep	E5	35th IAA SYMPOSIUM ON	2024-10-11	13:40-13:50	79
Paolo	Mangili	82915	Modular Space Manufacturing Concepts and Architectures for a Deep Space Cis-Lunar Infrastructure	United Stat	E5	35th IAA SYMPOSIUM ON	2024-10-11	14:00-14:10	79
Mariapia	Mammino	86894	In-between: Rethinking Habitability in Lunar Environments	Italy	E5	35th IAA SYMPOSIUM ON	2024-10-11	14:20-14:30	79
Christina	Balomenak	86091	«Proposition for modular space habitat»	Greece	E5	35th IAA SYMPOSIUM ON	2024-10-11	13:40-13:50	80
Diana	Guzmán	84602	Mexico's Journey in Space Exploration: A Historical Review and Future Prospects	Mexico	E5	35th IAA SYMPOSIUM ON	2024-10-11	13:50-14:00	80
Zhelun	Zhu	83712	house – habitations organisation for human settlement in extraterrestrial environment. an automised and performance driven framework of modular units layout generation.	China	E5	35th IAA SYMPOSIUM ON	2024-10-11	14:10-14:20	80
Xinte	Tian	88737	Modular Lunar Village Concept Design for Long-term Habitation Located in Lava Tube	China	E5	35th IAA SYMPOSIUM ON	2024-10-11	14:30-14:40	80
Albert	Rajkumar	88568	Extended Reality for Human-Robot Collaboration in Lunar Construction: A PRISMA Systematic Review	Australia	E5	35th IAA SYMPOSIUM ON	2024-10-11	13:40-13:50	81
Marcos Fra	Esparza Po	84530	lunar concrete with visual indicator of radiation damage	Mexico	E5	35th IAA SYMPOSIUM ON	2024-10-11	13:50-14:00	81
Casey	Domingo	81840	Rocket Realities: Navigating Social and Ecological Trials in the New Space Era	Australia	E5	35th IAA SYMPOSIUM ON	2024-10-11	14:00-14:10	81
Isadora	Frutuoso	86733	nomadic settlements: future mars exploration with ant-inspired swarm robots	Ireland	E5	35th IAA SYMPOSIUM ON	2024-10-11	14:20-14:30	81
Louis	Le Breuilly	91152	Analogue Missions in the Maldives: Concepts, Limitations, and Opportunities	United King	E5	35th IAA SYMPOSIUM ON	2024-10-11	14:40-14:50	81
Aleksandra	Kozawska	83246	THE STATE OF USER-CENTERED DESIGN IN THE SPACE DOMAIN THROUGH A LITERATURE SCAN OF THE PAST IAF PUBLICATIONS.	Poland	E6	IAF BUSINESSES AND INNOVATION	2024-10-11	13:40-13:50	82
Darpan	Byahatti	84043	A Comprehensive Study of the Entrepreneurial Ecosystem in India: Space Technology Landscaping	India	E6	IAF BUSINESSES AND INNOVATION	2024-10-11	14:20-14:30	82
Giorgio	Crescenzo	86068	Student associations as an innovation catalyst for companies and start-ups: the PoliSpace case	Italy	E6	IAF BUSINESSES AND INNOVATION	2024-10-11	14:30-14:40	82
Giulia	Bordacchin	84843	Reassessing Intellectual Property Rights in Lunar Exploration	Italy	E6	IAF BUSINESSES AND INNOVATION	2024-10-11	14:40-14:50	82
Costanza L	Crivelli Visc	91130	The aftermath on European strategic autonomy of the gatekeeping power of U.S. big private space corporations.	Austria	E6	IAF BUSINESSES AND INNOVATION	2024-10-11	13:30-13:40	83
mariana	almeida	90872	Innovative Partnership: Fostering University Relations for Future Success	Brazil	E6	IAF BUSINESSES AND INNOVATION	2024-10-11	13:40-13:50	83
Djamel	Metmati	82483	Emerging practices in North Africa for potential partnerships in the Space infrastructures : the examples of Space ports	France	E6	IAF BUSINESSES AND INNOVATION	2024-10-11	13:50-14:00	83

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Alina	Vizireanu	91620	Leadership's Role in Women's Empowerment in the Space Industry. Insights from the Women in Copernicus Initiative		E6	IAF BUSINESSES AND INNOVATION	2024-10-11	14:00-14:10	83
Ron	Chiong	86612	From Lab to Market: Unlocking the Commercialization Potential of University-Based Space Technology Research for Sustainable Development in Asia	Hong Kong	E6	IAF BUSINESSES AND INNOVATION	2024-10-11	14:10-14:20	83
Ryan	Udell	86526	The Blue-Sky Approach: A Unique innovation method in Heritage Space Organizations	United States	E6	IAF BUSINESSES AND INNOVATION	2024-10-11	14:20-14:30	83
Dharshun	Sridharan	80967	Space For Business VS Space For Sciences	Australia	E6	IAF BUSINESSES AND INNOVATION	2024-10-11	14:40-14:50	83
Kaori	Becerril	86521	Foresight for Enhancing the Mexican Space Sector: Critical Uncertainties, Scenarios, and Public-Private Partnerships	Mexico	E6	IAF BUSINESSES AND INNOVATION	2024-10-11	13:30-13:40	84
Beatrice	Sigurtà	85362	Space Tech Report: Unveiling the Methodology to Establish a Key Tool for Space Sector Analysis	Italy	E6	IAF BUSINESSES AND INNOVATION	2024-10-11	13:40-13:50	84
Kojo	Sarkodie	88033	How Young Professionals Can Make a Big Impact in a Heritage Organizations.	United States	E6	IAF BUSINESSES AND INNOVATION	2024-10-11	14:20-14:30	84
Jon	Holladay	91714	Unveiling NASA's Agile Projects, Successes, Challenges, and Transformative Insights		E6	IAF BUSINESSES AND INNOVATION	2024-10-11	14:40-14:50	84
Mila	Spence	88349	Tackling the Legal and Policy Hurdles of Active Debris Removal: Addressing the use of AI and Autonomous Technologies.	United Kingdom	E9	IAF SYMPOSIUM ON SECURITY,	2024-10-11	13:30-13:40	85
Scott	Scoular	88943	Space mining - an economic boon, but a potential risk to space sustainability: setting out legal considerations of debris generated by space mining	United Kingdom	E9	IAF SYMPOSIUM ON SECURITY,	2024-10-11	13:40-13:50	85
Kota	Umeda	84369	Japan's SSA/SDA Policy and International Cooperation in the New National Security Environment	Japan	E9	IAF SYMPOSIUM ON SECURITY,	2024-10-11	13:50-14:00	85
Vicky	Anderson	84786	Beyond just rules: how to incentivise and inspire the responsible and sustainable use of space	United Kingdom	E9	IAF SYMPOSIUM ON SECURITY,	2024-10-11	14:00-14:10	85
Federico	Bonarota	89165	Navigating the Debris Field: A Risk Assessment of ASAT Testing on Outer Space Sustainability	Italy	E9	IAF SYMPOSIUM ON SECURITY,	2024-10-11	14:10-14:20	85
Narmina	Gahirmano	91474	Cybersecurity in cosmic space	Azerbaijan	E9	IAF SYMPOSIUM ON SECURITY,	2024-10-11	14:20-14:30	85
Diya	Jose	90650	Analysis and Industrial Insights for Developing Safe Rendezvous and Proximity Operations Standards		E9	IAF SYMPOSIUM ON SECURITY,	2024-10-11	14:30-14:40	85
Sanghoon	Lee	80995	The evolving principles of due regard and space governance: Hazardous risk and harm inherent to space as independent variable		E9	IAF SYMPOSIUM ON SECURITY,	2024-10-11	14:40-14:50	85
Beatrice	Hainaut	88519	Are norms of responsible behavior compatible with (space)power competition between States?	France	E9	IAF SYMPOSIUM ON SECURITY,	2024-10-11	13:30-13:40	86
Beatrice	Hainaut	88435	The role of international discussion forums in fostering a coherent and comprehensive approach to norms of responsible behavior.	France	E9	IAF SYMPOSIUM ON SECURITY,	2024-10-11	13:40-13:50	86
Paula	Silveira	91716	Zero Debris Charter: Is it soft law enough for space sustainability?		E9	IAF SYMPOSIUM ON SECURITY,	2024-10-11	13:50-14:00	86
Katarzyna	Malinowska	87986	Liability insurance as a preventive tool in the debris mitigation strategy	Poland	E9	IAF SYMPOSIUM ON SECURITY,	2024-10-11	14:00-14:10	86

Firstname	Lastname	IP ID	Title	Country	spName	spCaption	Date	Time	Screen number
David	Eagleson	90879	Liability Aspects of Active Debris Removal: Perspectives from the Law of the Sea	United King	E9	IAF SYMPOSIUM ON SECURITY,	2024-10-1	14:10-14:20	86
Gaia	Ravazzolo	90467	Sp(e)ace: mapping the path of growing space militarization and weaponization	Italy	E9	IAF SYMPOSIUM ON SECURITY,	2024-10-1	14:20-14:30	86
José Pedro	Ferreira	84585	The Polluting Potential of Space Debris Demise in the Atmosphere: Trends and Paths towards Space Sustainability	United Stat	E9	IAF SYMPOSIUM ON SECURITY,	2024-10-1	14:30-14:40	86
Omar	Reyes	91352	Beyond Nationalism: A Call for Unified Governance in the New Space Age	Mexico	E9	IAF SYMPOSIUM ON SECURITY,	2024-10-1	14:40-14:50	86
Fotios	Kotzakioula	90193	assessing international cooperation for planetary defense: a comparative analysis of space policy frameworks	Germany	E10	IAF SYMPOSIUM ON PLANETARY	2024-10-1	13:30-13:40	87
Erin	Austen	88631	Where are we now after DART?: An analysis of current status of Planetary Defense technologies and policies?	Canada	E10	IAF SYMPOSIUM ON PLANETARY	2024-10-1	13:40-13:50	87
Fangyuan	Shi	88564	Image-based multi-target tracking for asteroid and debris after a kinetic impact	China	E10	IAF SYMPOSIUM ON PLANETARY	2024-10-1	14:40-14:50	87
Kirsten	Armstrong	81983	Milo Institute Ambassadors: A Model for Connecting Space Ecosystems	United Stat	E11	IAF SYMPOSIUM ON EMERGING	2024-10-1	13:30-13:40	88
Thaís	Zandoná	89117	The role of Latin American in space governance: is there a place for a Latin American space agency?	Brazil	E11	IAF SYMPOSIUM ON EMERGING	2024-10-1	13:40-13:50	88
Salman Ali	Thepdawat	91004	Designing the Future: A Comprehensive Ecosystem for Space Startups	Austria	E11	IAF SYMPOSIUM ON EMERGING	2024-10-1	14:00-14:10	88
Teerapat	Charoenpr	90366	Leveraging Thailand space ecosystem by developing space-grade solar panels locally.	Thailand	E11	IAF SYMPOSIUM ON EMERGING	2024-10-1	14:10-14:20	88
JENNY CAR	ROBLEDO A	82313	Application of the Modified Space Technology Ladder (MSTL) framework: Evolution of the Colombian Space Development and Future Vision	Colombia	E11	IAF SYMPOSIUM ON EMERGING	2024-10-1	14:30-14:40	88
Juan Danie	Meneses	86072	Strategy for the analysis of needs of space technologies and their applications in Colombia	Colombia	E11	IAF SYMPOSIUM ON EMERGING	2024-10-1	14:40-14:50	88
Leonardo	Leyva	82221	quadruple helix model for advancing the evolution of the space sector in latin american countries	Mexico	E11	IAF SYMPOSIUM ON EMERGING	2024-10-1	13:30-13:40	89
Itzel	Rocillo	82324	How to Mexico has been implemented the public use of satellite internet	Mexico	E11	IAF SYMPOSIUM ON EMERGING	2024-10-1	13:40-13:50	89
Oswaldo	Porto	82095	African Nations in the Space sector: Exploring Priorities Across the Space Value Chain		E11	IAF SYMPOSIUM ON EMERGING	2024-10-1	14:00-14:10	89
Victoria	Valdivia	82711	‘Space Political Awareness’ and its role in the emergence of New Space Ecosystems in Developing Region.	Chile	E11	IAF SYMPOSIUM ON EMERGING	2024-10-1	14:10-14:20	89
Luisa	Santoro	82537	Space technologies as a catalyst for territorial and socioeconomic integration: the case of Croatia	Italy	E11	IAF SYMPOSIUM ON EMERGING	2024-10-1	14:30-14:40	89
Shamil	Mamedov	89526	Space Economy: Emerging Space Ecosystems. Challenges and Opportunities	Azerbaijan	E11	IAF SYMPOSIUM ON EMERGING	2024-10-1	14:40-14:50	89