

Firstname	Lastname	Id	Title	Symposium	Company	Country	Date	Time	Screen
Francesco	Valente	77750	A resource allocation strategy in Orbital Edge Computing Earth Observation satellite constellations to jointly save energy on ground and balance on-board energy consumption	B1. IAF EARTH OBSERVATION	Sapienza University of Rome	Italy	04/10/2023	13:00-13:10	#46
Tatsuyuki	Sekine	76749	detection of the collapsed buildings in Turkey from multi-sensor very high resolution satellite images.	B1. IAF EARTH OBSERVATION	ELSPINA VEINZ INC.	Japan	04/10/2023	13:00-13:10	#6
Erick	Lansard	76142	Earth Observation from Near-Equatorial Orbits with Small and Very Small Satellites: Equatorial Sentinel for Environment	B1. IAF EARTH OBSERVATION	Nanyang Technological University	Singapore, Republic of	04/10/2023	13:00-13:10	#31
Vito	Fortunato	77366	A novel multi-mission platform for the development of applications, services, and new satellite data algorithms directly in orbit and on-demand, the Italian In-Orbit Space Lab	B4. 30th IAA SYMPOSIUM ON SMALL	Planetek Italia	Italy	04/10/2023	13:00-13:10	#49
Emanuel	Brenag	79659	AlfaCruz CubeSat Magnetic Dipole Determination and Attitude Motion Estimation Using Magnetometer Measurements Only	B4. 30th IAA SYMPOSIUM ON SMALL	University of Brasilia	Brazil	04/10/2023	13:00-13:10	#34
Trishna	Shrestha	75718	Nepal's High School 1U Cubesat MUNAL Integrated Bus System: Modification of the BIRDS open-source standardized Bus	B4. 30th IAA SYMPOSIUM ON SMALL	Nepal Space Foundation	Nepal	04/10/2023	13:00-13:10	#8
Nelly	Gaillard	78869	EagleAI: Estimation of Attitude Geo-localizing Landmarks on Earth	B4. 30th IAA SYMPOSIUM ON SMALL		Italy	04/10/2023	13:00-13:10	#17
Anna	Okhitina	79332	comparison of reaction wheels and magnetorquers performance in precise one-axis stabilization of a CubeSat Solar observatory	B4. 30th IAA SYMPOSIUM ON SMALL	Keldysh Institute of Applied Mathematics, Scuola Superiore Meridionale	Russian Federation	04/10/2023	13:00-13:10	#19
Emanuela	Gaglio	75958	Machine Learning Based Guidance for Optimal Spacecraft De-Orbiting	C1. IAF ASTRODYNAMICS	IAI - Turkish	Italy	04/10/2023	13:00-13:10	#12
Mehmet F	Ertürk	79438	Optimal Tuning of the Nanosatellite Attitude Controller Using TRIAD-Aided Kalman Filter and Particle Swarm Optimization	C1. IAF ASTRODYNAMICS	Aerospace Industries, TARKIYE	Türkiye	04/10/2023	13:00-13:10	#41
Ayush	Ranjan	79896	Trajectory Planning and Execution in a Hyper Redundant Continuum Manipulator for Satellite Docking	C1. IAF ASTRODYNAMICS	Indian Institute of Technology Kanpur	India	04/10/2023	13:00-13:10	#38
Yuchen	He	77087	Design of transfer trajectories from cislunar orbits to the retrograde Geo-Synchronous Orbit	C1. IAF ASTRODYNAMICS	Beihang University	China	04/10/2023	13:00-13:10	#42
oussema	jouini	76972	4D Lidar and Sensor Fusion for Autonomous Rovers Missions	C2. IAF MATERIALS AND STRUCTURES	Space Generation Advisory Council	Tunisia	04/10/2023	13:00-13:10	#11
Aryan	Waghmode	78229	Development of Radioprotective Bio-Coatings via Metal-Doping of Melanin Nanoparticles	C2. IAF MATERIALS AND STRUCTURES	The Johns Hopkins University	United States	04/10/2023	13:00-13:10	#25
Yaqoob	Alqassab	77392	Evaluation of a Variety of Wood Material in CubeSat Structures	C2. IAF MATERIALS AND STRUCTURES	National Space Science Agency (NSSA)	Bahrain	04/10/2023	13:00-13:10	#43
Eyoas	Areda	78666	Standardization of CubeSat Platform for mass production applications	C2. IAF MATERIALS AND STRUCTURES	kyushu institute of Technology	Japan	04/10/2023	13:00-13:10	#26
Byungho	Lee	79544	Thermal control design of remote-sensing Spacecraft on elliptical Sun-synchronous orbit	C2. IAF MATERIALS AND STRUCTURES	Moscow Aviation Institute (National Institute)	Russian Federation	04/10/2023	13:00-13:10	#23
Surya	Vaibhav DVR	78337	feasibility analysis of integrating thermo-electric generators to spacecraft solar panels	C3. IAF SPACE POWER SYMPOSIUM	[unlisted]	India	04/10/2023	13:00-13:10	#7
Andrea	Paternoster	77691	Feasibility study on a crewed Mars lander	D1. IAF SPACE SYSTEMS SYMPOSIUM	Politecnico di Torino - Thales Alenia Space	Italy	04/10/2023	13:00-13:10	#13
Alessandro	Zavoli	78791	Convex Optimization of Spacecraft Rest-to-Rest Attitude Reorientation Maneuvers with Keep-Out Constraints	C1. IAF ASTRODYNAMICS	Sapienza University of Rome	Italy	04/10/2023	13:00-13:10	#30
Ekaterina	Belyaeva	76190	Deployment of Lunar Orbital Station in High Circular Orbit: Alternative to NRHO	C1. IAF ASTRODYNAMICS	Rocket Space Corporation Energia	Russian Federation	04/10/2023	13:00-13:10	#50
Ulvi	Movsum-zada	80600	Diagnosing Health and Lifespan of Li-ion Batteries in Space Missions Using Machine Learning Algorithms	C3. IAF SPACE POWER SYMPOSIUM	Jagiellonian University	Poland	04/10/2023	13:00-13:10	#44
Giacomo P	Sciortino	77050	A hands on multidisciplinary crash course based on a simulation model for a design to cost multitask microsatellite system to be built and operated on a Project Financing basis - The Sea-Like Horizon Space Tutor (SHST)	E1. IAF SPACE EDUCATION AND	Italian Space Agency (ASI)	Italy	04/10/2023	13:00-13:10	#39
Simone	La Luna	78952	Green Propellants: Self-Pressurization Behavior Modelling	C4. IAF SPACE PROPULSION	Politecnico di Milano	Italy	04/10/2023	13:00-13:10	#22
Stephen	Airey	77655	High inflation and supply chain disruption	E3. 36th IAA SYMPOSIUM ON SPACE	European Space Agency (ESA)	Netherlands	04/10/2023	13:00-13:10	#18
Niki	Giannakou	80075	The case of overlapping Safety Zones on the Moon: Delimitation of Space, Rights and Obligations	E7. IAF COLLOQUIUM ON THE LAW OF OUTER	National and Kapodistrian	Greece	04/10/2023	13:00-13:10	#5
Valentina	Zancan	76904	Unfolding space program governance models driving the transition towards the New Space	E6. IAF-BUSINESSES AND INNOVATION	Politecnico di Milano	Italy	04/10/2023	13:00-13:10	#21
Ryosuke	Tsuji	77124	analysis of the plastic changes induced in the soleus muscle under a microgravity condition	A1. IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM	University of Tsukuba	Japan	04/10/2023	13:00-13:10	#16
Bader	Shirah	74791	Automated Pupillometry in Space Neuroscience	A1. IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM	[unlisted]	Saudi Arabia	04/10/2023	13:00-13:10	#2
Carlos	Rodríguez	79367	Project MUSA: A Systems Engineering Approach to Biological Experimentation in Microgravity	A2. IAF MICROGRAVITY SCIENCES SYMPOSIUM	Orbital Space Technologies	Costa Rica	04/10/2023	13:00-13:10	#4
Pawel	Knapkiewicz	76438	MEMS plasma spectrometer for small missions	A3. IAF SPACE EXPLORATION	Wroclaw University of Science and Technology	Poland	04/10/2023	13:00-13:10	#32
Yangyang	Ma	77140	Real-time trajectory optimization for asteroid landing using Picard iteration-based convexification and deep neural networks	A3. IAF SPACE EXPLORATION	Northwestern Polytechnical	China	04/10/2023	13:00-13:10	#29
Amirmohs	Pazireh	76397	How to build an efficient space habitats?	A5. 26th IAA SYMPOSIUM ON	National Aviation Academy - Azerbaijan	Azerbaijan	04/10/2023	13:00-13:10	#36
Mekhi	Dhesi	79604	Towards In-Orbit Hyperspectral Imaging of Space Debris	A6. 21st IAA SYMPOSIUM ON SPACE	Astroscale Ltd	United Kingdom	04/10/2023	13:00-13:10	#40

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Ricardo	Ferreira	76012	Probability of Collision of satellites and space debris for short-term encounters: Rederivation and fast-to-compute upper and lower bounds	Ab. 21st IAA SYMPOSIUM ON SPACE	FCT-UNL	Portugal	04/10/2023	13:00-13:10	#14
Gaia	Lorenzi	79820	Spacecraft reflectance experimental facility for Space Traffic Management and brightness estimation: lessons learned from HELIOS at SSLab	Ab. 21st IAA SYMPOSIUM ON SPACE	Sapienza University of Rome	Italy	04/10/2023	13:00-13:10	#20
Mathilde	Leuridan	75232	A Model for Satellite Collisions	Ab. 21st IAA SYMPOSIUM ON SPACE		Germany	04/10/2023	13:00-13:10	#3
Majal Shin	Subbiah	77619	Martian Habitats: A Review	E5. 34th IAA SYMPOSIUM ON SPACE	Christ University	India	04/10/2023	13:00-13:10	#48
Emanuele	Tomassi	77925	The Role of Advanced Software Tools in Ensuring Space Debris Mitigation in CubeSat Missions	Ab. 21st IAA SYMPOSIUM ON SPACE	Politecnico di Milano	Italy	04/10/2023	13:00-13:10	#35
Vali	Huseynov	77339	high-focus property of cosmic relic neutrinos scattered by ultra-relativistic electrons	A7. IAF SYMPOSIUM ON ONGOING AND NEAR	snamakhny Astrophysical	Azerbaijan	04/10/2023	13:00-13:10	#15
Julia	Alvarez Vallero	75662	An interdisciplinary approach to spatial design at the university level	E1. IAF SPACE EDUCATION AND	INVAP	Argentina	04/10/2023	13:00-13:10	#10
Paripat	Pairat	75629	hybrid online and hands-on training framework for space emerging nation: thailand case study and follow up	E1. IAF SPACE EDUCATION AND	Geo-Informatics and Space Technology	Thailand	04/10/2023	13:00-13:10	#27
Həlliia	Sadiqova	77232	the role and history of space in society	E4. 57th IAA HISTORY OF ASTRONAUTICS		Azerbaijan	04/10/2023	13:00-13:10	#9
EVGENIA	TSELONI	80392	Protection of patents in outer space. Could blockchain technology be a sufficient solution?	E7. IISL COLLOQUIUM ON THE LAW OF OUTER	Leiden University	Netherlands	04/10/2023	13:00-13:10	#45
Jie	Long	75499	International Liability Regime for Damage in Commercial Human Spaceflight: Dilemmas and Responses	E7. IISL COLLOQUIUM ON THE LAW OF OUTER	Shenzhen University	China	04/10/2023	13:00-13:10	#33
Miguel	Correa	80628	Martian Biosphere	A1. IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM	Aerospace Technology Investigation Center -	Colombia	04/10/2023	13:00-13:10	#1
Dmitrii	Petrov	78876	Orbit determination with the help of space-based optical instrumentation images	Ab. 21st IAA SYMPOSIUM ON SPACE	Moscow Institute of Physics and	Russian Federation	04/10/2023	13:00-13:10	#24
Giacomo	Battaglia	79098	A CubeSat-sized in-situ space debris impact sensor	Ab. 21st IAA SYMPOSIUM ON SPACE	University of Padova	Italy	04/10/2023	13:00-13:10	#37
Pawel	Nowakowski	80142	Engineering Model of the Solid Rocket Motor for Direct Deorbitation	Ab. 21st IAA SYMPOSIUM ON SPACE	Abbasiewicz Research Network "IITB" Institute	Poland	04/10/2023	13:00-13:10	#28
Sajida	Abdulvahabova	78379	neutrino oscillation in an anisotropic cosmological model	A7. IAF SYMPOSIUM ON ONGOING AND NEAR	Baku State University	Azerbaijan	04/10/2023	13:10-13:20	#48
Maria	Ieronymaki	79564	TRUTHS OPSI: Observing Performance Simulator for the TRUTHS mission	B1. IAF EARTH OBSERVATION	Planetek Hellas epe	Greece	04/10/2023	13:10-13:20	#49
David	Reid	80194	Oceans, Resources, and Climate Applications from Space: Addressing Environmental and Climate Challenges	B1. IAF EARTH OBSERVATION	University of Bristol	Kingdom	04/10/2023	13:10-13:20	#26
Hellen	Wanjala	78941	Parametric index insurance for Kenyan smallholder farmers based on satellite derived soil moisture.	B1. IAF EARTH OBSERVATION	Planet Labs Inc.	Netherlands	04/10/2023	13:10-13:20	#5
Fahad	Bin Abdullah	77115	Earth Observation Data for Machine Learning: A Comprehensive Approach for Collecting, Preprocessing, and Integrating Data Sets	B1. IAF EARTH OBSERVATION	BRAC University	Bangladesh	04/10/2023	13:10-13:20	#44
Tingwei	Shu	77404	Research on Image Data Processing based on Improved Transformer Semantic Communication	B1. IAF EARTH OBSERVATION	University of Electronic Science and	China	04/10/2023	13:10-13:20	#11
Roxanne	Fournier	76415	LOTS Food In Space: Parabolic flight testing of an adapter between the ISS potable water dispenser and commercial-off-the-shelf dehydrated food packages	B3. IAF HUMAN SPACEFLIGHT	University of Waterloo	Canada	04/10/2023	13:10-13:20	#36
Sebasthian	Ogalde	80123	Astro_Casco: an integrated and robust telemetry transmission/reception system for analog astronauts during Extravehicular activities (EVA)	B3. IAF HUMAN SPACEFLIGHT	Andes Aerospace	Italy	04/10/2023	13:10-13:20	#24
Andrew	Karim	78806	Study of Small Satellite Constellation for High-Resolution Greenhouse Gas Monitoring	B4. 30th IAA SYMPOSIUM ON SMALL	Universite Laval	Canada	04/10/2023	13:10-13:20	#3
Mohamma	Musharraf	76940	Radio Astronomy Data Acquisition Through HTTP Requests	B5. IAF SYMPOSIUM ON INTEGRATED	Sharjah Academy for Astronomy, Space	United Arab Emirates	04/10/2023	13:10-13:20	#16
Valeh	Bakhshali	79158	Dynamic analysis of mechanical motion of a variable-mass rocket system	C1. IAF ASTRODYNAMICS	Azerbaijan Technical University	Azerbaijan	04/10/2023	13:10-13:20	#30
Daniel	Condurache	76693	THE EXTENDED WAHBA'S PROBLEM IN DUAL AND MULTIDUAL QUATERNIONS	C1. IAF ASTRODYNAMICS	Technical University of Iasi	Romania	04/10/2023	13:10-13:20	#22
Alessio	Patti	78764	Minimum-Propellant Direct, Assisted, and Slingshot Return Trajectories from Mars, Jupiter, and their moons	C1. IAF ASTRODYNAMICS	Politecnico di Torino	Italy	04/10/2023	13:10-13:20	#18
Gabriele	Mocciola	78200	Three-body Moon-Mars transfer with revisited weak stability boundary concept and aerobraking capture	C1. IAF ASTRODYNAMICS	Politecnico di Torino	Italy	04/10/2023	13:10-13:20	#19
Adalat	Samadov	78037	Digital Twin Technology as a new approach for Infrastructure Management	D1. IAF SPACE SYSTEMS SYMPOSIUM	National Aviation Academy - Azerbaijan	Azerbaijan	04/10/2023	13:10-13:20	#4
Edlira	Hoxha	78201	Software development for the budgeting of a CubeSat system design based on variable parameters	D1. IAF SPACE SYSTEMS SYMPOSIUM	Space Products and Innovation - SPIN	Italy	04/10/2023	13:10-13:20	#17
Yaroslav	Mashtakov	79472	Reaction wheels angular momentum management during interplanetary flight	C1. IAF ASTRODYNAMICS	Keldysh Institute of Applied Mathematics	Russian Federation	04/10/2023	13:10-13:20	#34
Luke	Gordon	80593	Powering the New Space Economy with Advanced Solar Technologies	C3. IAF SPACE POWER SYMPOSIUM	Solestial, Inc.	United States	04/10/2023	13:10-13:20	#1
Germana	Galoforo	78303	Mission MINERVA: the ESA-ASI Education activities to tackle educational poverty in view of developing the future space workforce	E1. IAF SPACE EDUCATION AND	Italian Space Agency (ASI)	Italy	04/10/2023	13:10-13:20	#10

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Abdulla Hil	Kafi	79866	Empowering Future Space Innovators: Challenges and Opportunities	E1. IAF SPACE EDUCATION AND	BRAC University	Bangladesh	04/10/2023	13:10-13:20	#50
Selene	Cannelli	79326	Earth's orbits as a UNESCO World Heritage Site	E3. 36th IAA SYMPOSIUM ON SPACE	Space Generation Advisory Council	Italy	04/10/2023	13:10-13:20	#6
Giorgia	D'Agostinis	79053	Challenges, disparities and risks of the European innovation ecosystem: the SPREAD2INNO project to bridge the gap.	E6. IAF BUSINESSES AND INNOVATION	Fondazione E. Amaldi	Italy	04/10/2023	13:10-13:20	#46
Nammi	Choe	80715	Korea's Journey towards Space Technology Independence	E3. 36th IAA SYMPOSIUM ON SPACE	Korea Aerospace Research Institute	Korea, Republic of	04/10/2023	13:10-13:20	#41
Bader	Shirah	75572	Public Perception and Attitude of Space Travel and Exploration and Space Medicine in Saudi Arabia	A1. IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM	[unlisted]	Saudi Arabia	04/10/2023	13:10-13:20	#2
Arwa	Bin tareef	79629	CubeSat-based Testing Techniques for Space Suit and Equipment Components	A1. IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM	[unlisted]	Jordan	04/10/2023	13:10-13:20	#40
Fay	Ghani	75969	The effects of microgravity during parabolic flight, short-duration and long-duration spacelight on lung volume, capacity and shape: A systematic review and meta-analysis	A1. IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM	The University of Auckland	New Zealand	04/10/2023	13:10-13:20	#15
Lorenzo	Scatena	76483	The relevance of a topical team in the investigation, advancement and opportunities in the research from the scientific community through space technologies to terrestrial impacts.	A1. IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM	Fondazione E. Amaldi	Italy	04/10/2023	13:10-13:20	#47
VerD*	Bakhtereva	79653	Physical performance of participants in eight-month voluntary isolation (Sirius-21 experiment)	A1. IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM	SSC RF Institute of Biomedical problems	Russian Federation	04/10/2023	13:10-13:20	#35
Freider	FlÄ,an	78592	Developing a Low-Cost Open-Source Platform for Conducting Microgravity Research in Space as a Volunteer Student Organization	A2. IAF MICROGRAVITY	Norwegian University of Science and	Norway	04/10/2023	13:10-13:20	#14
Yusuf	Alqattan	75919	Design and analysis of a novel tread configuration using Finite Element Analysis for lunar rover wheels	A3. IAF SPACE EXPLORATION	National Space Science Agency (NSSA)	Bahrain	04/10/2023	13:10-13:20	#43
Sathesh Ra	V Periasamey	76075	Lunar Mineralogy: Unlocking the Mysteries of the Earth-Moon Co-evolution through Pangolin-Inspired Robotics	A3. IAF SPACE EXPLORATION	[unlisted]	Malaysia	04/10/2023	13:10-13:20	#28
SHRUSHTI	PATIL	75687	Determining the Geogenic Forces involved in the formation of Orcus Patera	A3. IAF SPACE EXPLORATION	[unlisted]	India	04/10/2023	13:10-13:20	#25
Tobia Arm	La Marca	78901	Small satellite Mars aerocapture through multi-event drag modulation	A3. IAF SPACE EXPLORATION	Scuola Superiore Meridionale	Italy	04/10/2023	13:10-13:20	#27
SHAMBHA	A S	79931	Swarm UAVs: A Novel Approach for Efficient Remote Sensing on Mars	A3. IAF SPACE EXPLORATION	Nitte Meenakshi Institute of Technology	India	04/10/2023	13:10-13:20	#7
Akanksha	Hale	79369	the next arecibo telescope on the moon's far side	A3. IAF SPACE EXPLORATION	Student	India	04/10/2023	13:10-13:20	#31
Mikolaj	Gąbka	80386	automated aquaponic system	A5. 26th IAA SYMPOSIUM ON	AGH University of Science and	Poland	04/10/2023	13:10-13:20	#39
Iosto	Fodde	77482	The LASERS Mission Concept for Active Debris Removal using Laser Ablation by a Swarm of CubeSats	A6. 21ST IAA SYMPOSIUM ON SPACE	University of Strathclyde	Netherlands	04/10/2023	13:10-13:20	#32
Georgy	Shcheglov	77819	Feasibility study of loads reduction in process of large space debris object capturing with robotic arm	A6. 21ST IAA SYMPOSIUM ON SPACE	Bauman Moscow State Technical University	Russian Federation	04/10/2023	13:10-13:20	#21
Muhamm	Shaikh	76249	Investigation on the Semidiurnal Descent of Sporadic-E Layer using Ionosonde Height-Time-Intensity Data	A7. IAF SYMPOSIUM ON ONGOING AND NEAR	Sharjah Academy for Astronomy, Space	United Arab Emirates	04/10/2023	13:10-13:20	#12
Gustav Fos	Hansen	78641	Educating the Next Generation of Aerospace Engineers:  The Role of Orbit NTNU, a Volunteer Student Organization	E1. IAF SPACE EDUCATION AND	Norwegian University of Science and	Norway	04/10/2023	13:10-13:20	#29
Gulnar	Gasimzade	79008	the science of astronomy	E1. IAF SPACE EDUCATION AND	Azerbaijan State Pedagogical University	Azerbaijan	04/10/2023	13:10-13:20	#13
Maria Vitt	Prest	78756	Law and geopolitics of the Moon: state of the art and future challenges	E3. 36th IAA SYMPOSIUM ON SPACE	Sapienza University of Rome	Italy	04/10/2023	13:10-13:20	#23
Maria Alej	Botero Botero	79502	characterization of surface scientific extravehicular operations in the context of the HADEES-C analog station	E5. 34th IAA SYMPOSIUM ON SPACE	Universidad EAFIT	Colombia	04/10/2023	13:10-13:20	#45
Ruth	Siboni	78267	Form and Function: Refining Human Space Exploration Organizational Structures	E4. 37th IAA HISTORY OF ASTRONAUTICS	NASA Headquarters	United States	04/10/2023	13:10-13:20	#38
Jie	Long	75510	Space Environmental Protection Governance: A Decentralized Model	E7. IAF COLLOQUIUM ON THE LAW OF OUTER	Shenzhen University	China	04/10/2023	13:10-13:20	#33
Claudia	Covarrubias	80049	Augmented Cognition: Supporting Astronaut Performance During Mission-Critical Tasks	A1. IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM	McGill Univeristy	Canada	04/10/2023	13:10-13:20	#9
Abdollah	Darya	76671	Martian Crater Classification Using LightGBM	A3. IAF SPACE EXPLORATION	Sharjah Academy for Astronomy, Space	United Arab Emirates	04/10/2023	13:10-13:20	#37
Jodie	Howlett	79292	UK ADR: The UK Space Agency's Active Debris Removal mission	A6. 21ST IAA SYMPOSIUM ON SPACE	UK Space Agency	United Kingdom	04/10/2023	13:10-13:20	#20
Dulce Fern	Lopez Salvador	80746	satellite with drones system to reduce the space debris problem	E9. IAF SYMPOSIUM ON SECURITY, STABILITY	MONTERREY	Mexico	04/10/2023	13:10-13:20	#42
Anuja	Shrestha	75716	Nepal's Muna 1U Edge AI Technology Demonstration CubeSat for Targeted Earth Image Downlink Capability using Deep Learning	B1. IAF EARTH OBSERVATION	Nepal Space Foundation	Nepal	04/10/2023	13:10-13:20	#8
Vee Kuan	Chew	78375	A Socio-Economic Benefit Model Framework Using SWIR band Earth Observation Data	B1. IAF EARTH OBSERVATION	[unlisted]	Malaysia	04/10/2023	13:20-13:30	#11
Florian	Strasser	79143	Schedule Optimization for a Heterogeneous Earth Observation Satellite Constellation	B1. IAF EARTH OBSERVATION	Technische Universität	Germany	04/10/2023	13:20-13:30	#26
Emil	Bayramov	75292	Optimized Geonazards Monitoring, Assessment and Mapping using Multi-Source Earth Observation Microwave Satellite Missions for the Caspian Sea Coastal Petroleum and Gas Industry	B1. IAF EARTH OBSERVATION	Nazarbayev University	Kazakhstan	04/10/2023	13:20-13:30	#16

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Aytaj	Badalova	78013	Aerospace Monitoring of Environmental Risks	B1. IAF EARTH OBSERVATION	National Aviation Academy - Azerbaijan	Azerbaijan	04/10/2023	13:20-13:30	#5
ISHITA	SHARMA	80396	OrbitNet: An Open-Source Satellite for IoT Data Transmission in Remote Areas	B4. 30th IAA SYMPOSIUM ON SMALL	University of Swansea	United Kingdom	04/10/2023	13:20-13:30	#32
Aysha	Alharam	77807	Lessons Learned from the First Generation of Interplanetary SmallSats	B4. 30th IAA SYMPOSIUM ON SMALL	National Space Science Agency (NSSA)	Bahrain	04/10/2023	13:20-13:30	#43
Bisma	Sajid	79393	In-Orbit Attitude Determination and System Modeling of Skoltech B1 and B2 CubeSats	B4. 30th IAA SYMPOSIUM ON SMALL	Skoltech Institute of Science and	Russian Federation	04/10/2023	13:20-13:30	#30
Francesco	Porcelli	77606	Onboard genetic algorithm-based scheduler for optimized satellite operations	B6. IAF SPACE OPERATIONS	Universität der Bundeswehr	Germany	04/10/2023	13:20-13:30	#17
Mehmet	Esit	79481	Attitude determination and control system design for a 3U CubeSat to monitor forward light scattering over Earth horizon	C1. IAF ASTRODYNAMICS	Kyushu Institute of Technology	Japan	04/10/2023	13:20-13:30	#34
Dmitrii	Kremnev	78317	development of a lifting body space vehicle, designed for the return of cargo and crew after the lunar expedition.	C2. IAF MATERIALS AND STRUCTURES	Bauman Moscow State Technical University	Russian Federation	04/10/2023	13:20-13:30	#48
Daeban	Seo	78916	Sidewall-mounted planar type propulsion system for post mission disposal of Cubesats	C4. IAF SPACE PROPULSION	Korea Aerospace Research Institute	Republic of Korea	04/10/2023	13:20-13:30	#10
Xing	Zhang	78015	Research Progress and Future Prospects of Novel Liquid Propellant	C4. IAF SPACE PROPULSION	China Aerospace of Science and	China	04/10/2023	13:20-13:30	#20
Ryan	de Freitas Bart	75591	Hardware Degradation Models for Design Optimization of Reusable Space Systems	D1. IAF SPACE SYSTEMS SYMPOSIUM	Massachusetts Institute of Technology	United States	04/10/2023	13:20-13:30	#7
Lorenzo	Caraccio	80253	Design of a differential system focused on reusability and payload hosting capabilities for a rover based on rocker-bogie locomotion mechanism	C2. IAF MATERIALS AND STRUCTURES	Politecnico di Torino	Italy	04/10/2023	13:20-13:30	#29
Xiaokui	Yue	79290	model predictive control based on recurrent neural network for reusable launch vehicle with dynamics uncertainties	C1. IAF ASTRODYNAMICS	Northwestern Polytechnical	China	04/10/2023	13:20-13:30	#23
Uliana	Monakhova	80250	Magnetorquers attitude control for formation flying in LEO	C1. IAF ASTRODYNAMICS	Keildysh Institute of Applied Mathematics,	Russian Federation	04/10/2023	13:20-13:30	#35
Kevin	McGrath	78630	Assessment of a photosensitive sol-gel as a space ready material through the recording of Holographic Optical Elements.	C2. IAF MATERIALS AND STRUCTURES	Dublin Institute of Technology	Ireland	04/10/2023	13:20-13:30	#22
William	Ziehm	76836	A Trade Study of Mission Architectures for Centrifugal Nuclear Thermal Propulsion	C4. IAF SPACE PROPULSION	University of Alabama in Huntsville	United States	04/10/2023	13:20-13:30	#42
JÅrgen An	Olsen	78491	Martian Lava Tube Exploration Using Jumping Legged Robots: A Concept Study	D3. 21st IAA SYMPOSIUM ON	Norwegian University of Science and	Norway	04/10/2023	13:20-13:30	#12
Sarah	Chu	78342	A Framework for Collaborative Distributed Design in the Space Industry- Leveraging the SmithVent Experience	E1. IAF SPACE EDUCATION AND		United States	04/10/2023	13:20-13:30	#2
Claudia	Guerra	80703	STRA2SPHERA: Accessing space below the Karman line	E1. IAF SPACE EDUCATION AND	Università degli Studi di Napoli "Federico	Italy	04/10/2023	13:20-13:30	#37
Mo Rang	Kim	80721	North Korea and South Korea Space Policies Affected by Technological Similarities Between Space Launch Vehicles (SLVs) and Intercontinental Ballistic Missiles (ICBMs)	E3. 36th IAA SYMPOSIUM ON SPACE	University of Public Service (UPS)	Hungary	04/10/2023	13:20-13:30	#19
Kelli	Kedis Ogborn	75647	A Builder's Approach to Engaging the Space Economy: Balancing Enthusiasm with Clarity	E6. IAF BUSINESSES AND INNOVATION	Space Foundation	United States	04/10/2023	13:20-13:30	#6
Sumbal	Mushtaq	75800	Investigating the Effects of Space on In Vitro Fertilization in Mice Cells	A1. IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM	Spaceborn United	Pakistan	04/10/2023	13:20-13:30	#40
Funmilola	Oluwafemi	75906	Relationship between space activities and climate smart agriculture: The soil biochar influence on root anatomy and nodulation of common bean genotypes	A1. IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM	National Space Research and	Nigeria	04/10/2023	13:20-13:30	#15
Sriram	Kumar	77222	A COMPREHENSIVE INVESTIGATION AND MECHANICAL CHARACTERIZATION OF ALUMINUM-BASED METAL MATRIX COMPOSITES REINFORCED WITH BORON NITRATE AND COPPER SULPHATE FOR ENHANCED AEROSPACE APPLICATIONS	C2. IAF MATERIALS AND STRUCTURES	Sri Sairam Engineering College	India	04/10/2023	13:20-13:30	#27
Mimi	Lan	79830	A case definition is needed for the Spaceflight Associated Neuro-ocular Syndrome	A1. IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM	Dartmouth College	United States	04/10/2023	13:20-13:30	#46
Mayuko	Shinohara	75815	Lunar Water Analysis Module with Direct Measurement	A3. IAF SPACE EXPLORATION	Chiyoda Corporation	Japan	04/10/2023	13:20-13:30	#25
Takuto	Oikawa	75811	Plan and Progression of the Technology Readiness Level of the CubeRover	A3. IAF SPACE EXPLORATION	Astrobotic Technology Inc.	United States	04/10/2023	13:20-13:30	#49
Elizabeth	Barrios	76476	The Criticality of Robust Failure Analysis Programs	D1. IAF SPACE SYSTEMS SYMPOSIUM	National Aeronautics and Space	United States	04/10/2023	13:20-13:30	#36
Sanjeevira	Thangavel	79272	Comparative studies on Satellite formation flight architecture for developing an Embedded Control Algorithm: An Overview	D1. IAF SPACE SYSTEMS SYMPOSIUM	[unlisted]	Singapore, Republic of	04/10/2023	13:20-13:30	#50
Andrei	Constantin	78891	Multi-Objective Genetic Algorithm Based Method for Satellite Payloads Configuration Design Optimization	D1. IAF SPACE SYSTEMS SYMPOSIUM	Universität der Bundeswehr	Germany	04/10/2023	13:20-13:30	#18
Erik	Kulu	76978	Small Launchers - 2023 Industry Survey and Market Analysis	D2. IAF SPACE TRANSPORTATION		Estonia	04/10/2023	13:20-13:30	#21
Victoria	Valdivia	75555	The creation of space capabilities on developing countries, the role of space policies formulation at the beginning of latinamerica's space era.	E3. 36th IAA SYMPOSIUM ON SPACE	[unlisted]	Chile	04/10/2023	13:20-13:30	#1
Rei	Kawashima	80489	UNISEC Local Chapter Empowerment Program: An approach for space workforce development in non-spacefaring countries	E1. IAF SPACE EDUCATION AND	UNISEC Global	Japan	04/10/2023	13:20-13:30	#31
Sima	Moradinasab	79428	An Analysis of Space Law System as an Example of Self-Contained Regime: A Stranger in the Crowd	E7. IAF COLLOQUIUM ON THE LAW OF OUTER	Shahid Beheshti University	Iran	04/10/2023	13:20-13:30	#8
Swarnajyo	Mukherjee	77995	A practical perspective of developing Sustainable Space for the EU with essential strategies & policies framework	E9. IAF SYMPOSIUM ON SECURITY, STABILITY	Apogee Space Srl	Italy	04/10/2023	13:20-13:30	#45

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Jiaying	Yu	76985	Legal Issues on Scientific Investigations in Lunar Station Activities: Implications from the High Seas and Antarctic	E7. IAF COLLOQUIUM ON THE LAW OF OUTER SPACE	The University of Hong Kong	China	04/10/2023	13:20-13:30	#33
Sebastian	Ogalde	80739	Simulation framework for Astro Casco, an integrated and robust telemetry transceiver and data processing system for analog space missions	B3. IAF HUMAN SPACEFLIGHT	Andes Aerospace	Italy	04/10/2023	13:20-13:30	#24
Mimi	Lan	80730	Eye length is a potential predictor of spaceflight-related visual changes	A1. IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM	Dartmouth College	United States	04/10/2023	13:20-13:30	#47
Grecia	Olano O'Brien	80154	Exploring Challenges and Opportunities for Space Start-Ups in Canada	E6. IAF BUSINESSES AND INNOVATION	Concordia University	Canada	04/10/2023	13:20-13:30	#39
king	kumire	75484	Imbibition of Machine Learning and Artificial Intelligence tools for inferring exoplanetary habitability	A1. IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM	University of South Africa - UNISA	South Africa	04/10/2023	13:20-13:30	#14
Benjamin	Donahue	76219	Riding the Atmospheric Currents of Venus: An SLS Launched Venus Balloon-Spacecraft Mission	A3. IAF SPACE EXPLORATION	The Boeing Company	United States	04/10/2023	13:20-13:30	#44
Mark A.	Skinner	75761	CubeSat Confusion: CubeSat ID via ground-based observations of a pulsed LED beacon	Ab. 21ST IAA SYMPOSIUM ON SPACE	The Aerospace Corporation	United States	04/10/2023	13:20-13:30	#3
Anisa	Taggart	78346	Breaking the Cycle: Novel Capture Mechanisms for Active Space Debris Removal	Ab. 21ST IAA SYMPOSIUM ON SPACE	University of Nottingham	United Kingdom	04/10/2023	13:20-13:30	#9
Barbara	Le Roy	76289	The eagle has landed: Evidence of the need to assist space tourists to outer space	B3. IAF HUMAN SPACEFLIGHT	[unlisted]	France	04/10/2023	13:20-13:30	#4
Prateesh	Awasthi	80131	Stabilization of Tumbling Spacecraft via Continuum Arm using Vision-Language Hybrid Model	Ab. 21ST IAA SYMPOSIUM ON SPACE	Indian Institute of Technology Kanpur	India	04/10/2023	13:20-13:30	#38
Alessandro	Peluso	80720	European Commercial Space Station: study of a preliminary design.	B3. IAF HUMAN SPACEFLIGHT	Politecnico di Torino - Thales Alenia Space	Italy	04/10/2023	13:20-13:30	#13
Karol	Bresler	79791	Design and Development of Engine Control Unit for Nanosatellite Applications	B4. 30TH IAA SYMPOSIUM ON SMALL	Abbasiewicz Research Network "Instytut	Poland	04/10/2023	13:20-13:30	#41
Onur	Åzelik	77299	A constellation design for orbiting solar reflectors to enhance terrestrial solar energy	C1. IAF ASTRODYNAMICS	University of Glasgow	United Kingdom	04/10/2023	13:20-13:30	#28
Dimitra	Stefoudi	77414	Market consolidation in the Earth Observation sector	B1. IAF EARTH OBSERVATION	Leiden University	Netherlands	05/10/2023	13:30-13:40	#31
Jakub	Nalepa	78645	Bringing bare soil detection on-board Intuition-1 through exploiting data-level digital twins	B1. IAF EARTH OBSERVATION	KP Labs	Poland	05/10/2023	13:30-13:40	#30
Marialina	Tsinidis	77010	Calculation of the Death Index of the most catastrophic wildfires	B1. IAF EARTH OBSERVATION	University of Glasgow	United Kingdom	05/10/2023	13:30-13:40	#4
Vera	Mayorova	77317	Small Spacecraft for Global Greenhouse Gas Emission Monitoring	B1. IAF EARTH OBSERVATION	Bauman Moscow State Technical University	Russian Federation	05/10/2023	13:30-13:40	#12
Christophe	Richardson	80163	Space Applications for Developing Nations: Series of Case Studies	B1. IAF EARTH OBSERVATION	International Space University (ISU)	United States	05/10/2023	13:30-13:40	#32
Fatima	Alketbi	77161	Assessing the Effectiveness of Different Deployable Solar Panel Setups on Sharjah-Sat-2, an Earth Observational CubeSat, Using the CubeSat Toolbox	B4. 30TH IAA SYMPOSIUM ON SMALL	Sharjah Academy for Astronomy, Space	United Arab Emirates	05/10/2023	13:30-13:40	#14
Taiko	Kawakami	76624	The senses and creativity that can be achieved by bringing entertainment in space	E1. IAF SPACE EDUCATION AND	ASTRAX, Inc.	Japan	05/10/2023	13:30-13:40	#33
Mohammad	Anoy	80134	Small Satellites System Overview Simulator: Design and Evaluation	B6. IAF SPACE OPERATIONS	BRAC University	Bangladesh	05/10/2023	13:30-13:40	#24
Ruida	Xie	80541	A framework for near-Earth asteroid mining campaign design and analysis	B6. IAF SPACE OPERATIONS	UNSW Australia	Australia	05/10/2023	13:30-13:40	#8
Mohammad	Omar Nawaz	80218	Bending Analysis and Testing of a Hypersonic Rocket Fins	C2. IAF MATERIALS AND STRUCTURES	Concordia University	Canada	05/10/2023	13:30-13:40	#21
Xiaotao	Zhou	78182	Influence of post-buckling behavior and manufacturing errors on the accuracy of space-tensioned thin-film antenna	C2. IAF MATERIALS AND STRUCTURES	Xi'an Institute of Space Radio Technology	China	05/10/2023	13:30-13:40	#26
Hasel	Ramírez Cortés	78217	Safety factor of critical structural components in Glass-Fiber Reinforced Plastic sounding rockets	C2. IAF MATERIALS AND STRUCTURES	Instituto Politécnico Nacional	Mexico	05/10/2023	13:30-13:40	#29
Laura Guajardo	Villarreal	78292	Testing of metalglass through a compliant mechanism	C2. IAF MATERIALS AND STRUCTURES	Universidad Autónoma de Nuevo Leon	Mexico	05/10/2023	13:30-13:40	#45
Ansh	Jaipuria	76772	Advanced Room Temperature Propellants for Rockets and Spacecrafts	C4. IAF SPACE PROPULSION	SRM Institute of Science and Technology	India	05/10/2023	13:30-13:40	#27
Doug	Smith	80654	a hybrid approach to real-time spacecraft operations in the ground segment	B6. IAF SPACE OPERATIONS	University of Colorado Boulder	United States	05/10/2023	13:30-13:40	#28
Vadim	Kravchenko	79590	Two-impulse orbital transfer based on the solution of Lambert problem with optimal flight time	C1. IAF ASTRODYNAMICS	Research Institute of Applied Mechanics	Russian Federation	05/10/2023	13:30-13:40	#47
Hayate	Tajima	77992	study on short range formation flight and docking control using ac magnetic field	C1. IAF ASTRODYNAMICS	The University of TOKYO, Graduate	Japan	05/10/2023	13:30-13:40	#20
Yanning	Guo	78049	Distributed Cooperative Spacecraft Surrounding Control with Input Saturation and Collision Avoidance	C1. IAF ASTRODYNAMICS	Harbin Institute of Technology	China	05/10/2023	13:30-13:40	#46
Priyank	Dubey	80485	Satellite Routing with Quantum Annealing: Collecting Space Debris and On-orbit Servicing	C1. IAF ASTRODYNAMICS	Indian Institute of Science Education and	India	05/10/2023	13:30-13:40	#15
Lukasz	Radzikowski	78242	A new H2O2 oriented Rocket and Satellite Propulsion Laboratory Center	C4. IAF SPACE PROPULSION	Abbasiewicz Research Network "Instytut	Poland	05/10/2023	13:30-13:40	#5
Raffaele	Minichini	80719	DAPHNE: morph to survive with an innovative design approach	E1. IAF SPACE EDUCATION AND	Università degli Studi di Napoli "Federico	Italy	05/10/2023	13:30-13:40	#13

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Claudio	Loporcaro	79322	Pivoting Strategies in the Space Economy: A Multiple Case Study Approach	E6. IAF BUSINESSES AND INNOVATION	Politecnico di Bari	Italy	05/10/2023	13:30-13:40	#48
Sriram	Kumar	76217	DEVELOPMENT AND PERFORMANCE ANALYSIS OF A MACHINE LEARNING BASED COGNITIVE PERFORMANCE AND MENTAL FITNESS MONITORING SYSTEM FOR ASTRONAUTS IN TRAINING	A1. IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM	Sri Sairam Engineering College	India	05/10/2023	13:30-13:40	#7
Jaume	Puig	79582	The Art of Cellular Resilience: Unlocking the Secrets of DNA Protection in a Radiation-Filled Universe	A1. IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM	University Pompeu Fabra of Barcelona	Spain	05/10/2023	13:30-13:40	#10
Antonio	Stark	77467	Implications of Lunar Vehicle Wheels Created through 3D Printing of Amorphous Metal and High Entropy Alloys	A3. IAF SPACE EXPLORATION	Unmanned Exploration Laboratory (UEL)	N/A	05/10/2023	13:30-13:40	#11
Adam	Dabrowski	76261	Towards an Autonomous Micro Rover with Night Survivability for Lunar Exploration	A3. IAF SPACE EXPLORATION	DFKI GmbH, Robotics Innovation Center	Germany	05/10/2023	13:30-13:40	#50
Narmina	Gahirmanova	79417	Search for extraterrestrial intelligence	A4. 52nd IAA SYMPOSIUM ON THE	Baku State University	Azerbaijan	05/10/2023	13:30-13:40	#2
Okchul	Jung	78676	Conjunction Assessment of LEO Satellite for Future Space Traffic Management	A6. 21ST IAA SYMPOSIUM ON SPACE	Korea Aerospace Research Institute	Korea, Republic of	05/10/2023	13:30-13:40	#49
Pyanet	Marine Casanovas	78758	Towards an all-orbit optical data service provisioning based on ArianeGroup GEOTracker system	A6. 21ST IAA SYMPOSIUM ON SPACE	ArianeGroup SAS	France	05/10/2023	13:30-13:40	#39
Maria	Crespo	76567	The ACHIEVED Academy, accessible space education initiative launched by the Space Generation Advisory Council. Mapping actors for a planetary defense coordination office in Brazil using a contextual-and-behavioral-centric-stakeholder identification method	E1. IAF SPACE EDUCATION AND	Space Generation Advisory Council	Spain	05/10/2023	13:30-13:40	#25
ANA LUCIA	PEGETTI	79510	Mapping actors for a planetary defense coordination office in Brazil using a contextual-and-behavioral-centric-stakeholder identification method	E10. IAF SYMPOSIUM ON PLANETARY DEFENSE	ITA-CTA Center for Global Development	Brazil	05/10/2023	13:30-13:40	#36
Rose	Croshier	74803	Implementing Space2030 - Space Cooperation and Capability Building	E3. 36th IAA SYMPOSIUM ON SPACE	ITA-CTA Center for Global Development	United States	05/10/2023	13:30-13:40	#6
Vugar	Mammadov	75197	The assessment of harmful interference conflicts in outer space activities according to international tort law standards; and selecting the appropriate dispute settlement method for small satellite operators.	E7. IISL COLLOQUIUM ON THE LAW OF OUTER	Azercosmos, Space Agency of Republic of Azerbaijan	Azerbaijan	05/10/2023	13:30-13:40	#9
Soyoung	Chung	77117	Korea's Participation in Space4Women: A Win-Win Strategy for a UN Project and a Local Initiative	E3. 36th IAA SYMPOSIUM ON SPACE	Korea Aerospace Research Institute	Korea, Republic of	05/10/2023	13:30-13:40	#17
Prishit	Modi	80342	Technical Probe and Rudimentary Analysis of the DIANA Lunar Base Site	E5. 34th IAA SYMPOSIUM ON SPACE	University of Stuttgart	Germany	05/10/2023	13:30-13:40	#35
Ruslan	Konygin	78729	Lex Ferenda of the Safety of Space Navigation	E7. IISL COLLOQUIUM ON THE LAW OF OUTER	Peoples' Friendship University of Russia	Russian Federation	05/10/2023	13:30-13:40	#3
Andrew	Thomas	75167	A European Space Policy Bridge with Chinese Characteristics	E5. 34th IAA SYMPOSIUM ON SPACE	The British Interplanetary Society	United Kingdom	05/10/2023	13:30-13:40	#22
Sergei	Nikiforov	79620	DAN Catalog of water and chlorine distributions along the traverse of Curiosity rover	A3. IAF SPACE EXPLORATION	Space Research Institute (IKI), RAS	Russian Federation	05/10/2023	13:30-13:40	#18
Rogelio	Morales	80609	Obtaining a High-Density Basaltic Cementitious Compound by Using Compaction Techniques to Improve its Physical and Mechanical Properties for Future Lunar Infrastructure Construction	A5. 26th IAA SYMPOSIUM ON	Bolivarian Agency for Space Activities (ABAE)	Venezuela	05/10/2023	13:30-13:40	#1
Cristina	Pérez Hernández	79120	The EUSST Collision Avoidance Service Ready to Support the new space environment	A6. 21ST IAA SYMPOSIUM ON SPACE	CDTI (Centre for the development of	Spain	05/10/2023	13:30-13:40	#16
Antonio	D'Anniballe	79136	Quantifying Improvements in Debris Risk Analysis using a Constellation of Spaceborne Optical Sensors	A6. 21ST IAA SYMPOSIUM ON SPACE	Cranfield University	United Kingdom	05/10/2023	13:30-13:40	#19
Samrudhi	Inamdar	79370	In-Flight Connectivity for Enhanced Passenger Experience	B2. IAF SPACE COMMUNICATIONS AND		United Kingdom	05/10/2023	13:30-13:40	#34
Elkhan	Sabziev	77193	On the object recognition in aerospace images	B1. IAF EARTH OBSERVATION	[unlisted]	Azerbaijan	05/10/2023	13:30-13:40	#23
Raynell	Inojosa	79762	Design and Evaluation of a Rotating Apparatus for Testing Earth Observation Optical Payload	B1. IAF EARTH OBSERVATION	Philippine Space Agency	The Philippines	05/10/2023	13:40-13:50	#8
Lingyun	Gu	77352	Optimizing Object Detectors with Knowledge Distillation for On-Board Earth Observation	B1. IAF EARTH OBSERVATION	School of Aerospace, Tsinghua University,	China	05/10/2023	13:40-13:50	#22
Muhamma	Ansari	74848	Optimum Panel Deployment Angle for Passive Aerodynamic Attitude Stabilization in CubeSats	B4. 30th IAA SYMPOSIUM ON SMALL	Science and Technology	United Arab Emirates	05/10/2023	13:40-13:50	#14
Denis	Egoshin	77711	Estimation of the micro pulsed plasma thruster specific impulse	B4. 30th IAA SYMPOSIUM ON SMALL	Bauman Moscow State Technical University	Russian Federation	05/10/2023	13:40-13:50	#18
Taiko	Kawakami	76634	Technology, problems, and solutions for space travel meals as represented by yakitori , grilled chicken	B5. IAF SYMPOSIUM ON INTEGRATED	ASTRAX, Inc.	Japan	05/10/2023	13:40-13:50	#33
PRATIBHA	SRIVASTAVA	79913	REAL TIME AUTONOMOUS ON BOARD TIMER DRIFT ESTIMATION AND CALIBRATION IN DEEP SPACE MISSIONS	B6. IAF SPACE OPERATIONS	Indian Space Research Organization (ISRO)	India	05/10/2023	13:40-13:50	#9
Gonzalo	Montesino Valle	79754	Towards a Robust and Explainable Risk-reward Multi-objective Decision Architecture	B6. IAF SPACE OPERATIONS	University of Strathclyde /	United Kingdom	05/10/2023	13:40-13:50	#38
Jin Cheng	Hu	76781	Robust low-thrust gravity-assist trajectory optimization	C1. IAF ASTRODYNAMICS	Nanjing University of Aeronautics and	China	05/10/2023	13:40-13:50	#23
Vinay	Dharmik	75930	ccds (carbon cow dung sandwich structure)- radiation shielding material system design study of a constellation of small spacecraft to deliver seamless 5G connectivity to unmodified cell phones through	C2. IAF MATERIALS AND STRUCTURES		India	05/10/2023	13:40-13:50	#4
Gerardo	Vargas Avila	77798	an end-to-end non-terrestrial network	B2. IAF SPACE COMMUNICATIONS AND	Cranfield University	United Kingdom	05/10/2023	13:40-13:50	#7
Eman	AbuZeitoun	79431	Spacesuit fabrics and materials selection	C2. IAF MATERIALS AND STRUCTURES	[unlisted]	Jordan	05/10/2023	13:40-13:50	#5
Sri Venkat	Musunuri	80391	A paradigm involving young professionals in research and academia contributing to the space industry brought to light	E1. IAF SPACE EDUCATION AND	Polytechnique Montreal	Canada	05/10/2023	13:40-13:50	#13

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Natalia	Gorina	77841	Is space fuel a space object: In-situ propellant production and the legal framework that governs it	E7. IISL COLLOQUIUM ON THE LAW OF OUTER		Netherlands	05/10/2023	13:40-13:50	#19
Ariane	Platell	75692	Accelerators and Incubators - An Australian Case Study	E6. IAF BUSINESSES AND INNOVATION	QL Space	Australia	05/10/2023	13:40-13:50	#1
Sahba	El-Shawa	75667	Investigating the Neuropsychological Impact of the Overview Effect using Virtual Reality	A1. IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM	Jordan Space Research Initiative (JSRI)	Jordan	05/10/2023	13:40-13:50	#21
Avid	Roman-Gonzalez	79424	Satellite and Drone Images to Help Cacao Farming in Peru	E5. 34th IAA SYMPOSIUM ON SPACE	[unlisted]	Peru	05/10/2023	13:40-13:50	#44
Anja	Sheppard	76331	Automatic Data Processing for Space Robotics Machine Learning	A3. IAF SPACE EXPLORATION	University of Michigan	United States	05/10/2023	13:40-13:50	#2
Szymon	Krawczuk	80425	Evaluation of LIBS technology for quality assessment of lunar in-situ sourced water for drinking and electrolysis requirements	A3. IAF SPACE EXPLORATION	Gdańsk University of Technology	Poland	05/10/2023	13:40-13:50	#50
Antonio	Stark	79666	Sensor Leveling and Distance Matching Methodologies for Lunar Rovers	A3. IAF SPACE EXPLORATION	Unmanned Exploration Laboratory (UEL)	N/A	05/10/2023	13:40-13:50	#11
Mahsa	Azadmanesh	74738	Introducing a Novel Fast Terminal Sliding Mode Control with the Application of Space Robotics	A3. IAF SPACE EXPLORATION	K. N. Toosi University of Technology	Iran	05/10/2023	13:40-13:50	#15
Nijanthan	Vasudevan	80335	System Design and Analysis of an AI-Assisted Multi-Model Locomotion for Mars Exploration	A3. IAF SPACE EXPLORATION	Space Generation Advisory Council	United States	05/10/2023	13:40-13:50	#10
Mingzhen	Che	77465	Constrained unscented Kalman filtering with improved reliability for small celestial body relative navigation	A3. IAF SPACE EXPLORATION	Beijing Institute of Technology	China	05/10/2023	13:40-13:50	#30
Tunzala	Mammadova	79209	the role of mathematics in astronomy	A3. IAF SPACE EXPLORATION	Azerbaijan State Pedagogical University	Azerbaijan	05/10/2023	13:40-13:50	#3
Ekaterina	Tverdokhlebova	76123	plasma means of combating technogenic debris in space	A6. 21ST IAA SYMPOSIUM ON SPACE	TSNIIMASH	Russian Federation	05/10/2023	13:40-13:50	#12
Duozhi	Gao	78025	HP-Adaptative Pseudospectral Convex Optimization for Mars Pinpoint Landing	D2. IAF SPACE TRANSPORTATION	Harbin Institute of Technology	China	05/10/2023	13:40-13:50	#46
Agnieszka	Bajtyngier	75720	Space education as a tool supporting the assimilation of refugee youth.	E1. IAF SPACE EDUCATION AND	ESERO Poland	Poland	05/10/2023	13:40-13:50	#28
Natacha	Hughes	77085	Revisiting the Moon Agreement: Analyzing 45 Years of Policy and Legal Trends through the Lens of NewSpace Commercialization	E3. 36th IAA SYMPOSIUM ON SPACE	University of Toronto Aerospace Team	Canada	05/10/2023	13:40-13:50	#16
Giulia	Casa	76818	The EU as an emerging actor in the field of space security and the controversy behind the "limit" of a shared competence	E7. IISL COLLOQUIUM ON THE LAW OF OUTER		Italy	05/10/2023	13:40-13:50	#6
ragunath	ragunth	80680	Seti (over human outer bod observing intelligence)	A4. 52nd IAA SYMPOSIUM ON THE		India	05/10/2023	13:40-13:50	#20
Eliott	Simon	76035	Resident Space Object Classification from Light Curves  with Deep Learning.	A6. 21ST IAA SYMPOSIUM ON SPACE	European Space Agency (ESA)	Belgium	05/10/2023	13:40-13:50	#17
Ahmed	Ali	77269	Improved Bayesian Updating of Land-Cover (IBULC) algorithm	B1. IAF EARTH OBSERVATION	Pakistan Space and Upper Atmosphere	Pakistan	05/10/2023	13:50-14:00	#14
Mostafa	Al Amer	77289	Exploring Space Solutions to Enable Oil & Gas Operation	B2. IAF SPACE COMMUNICATIONS AND	Commission (SSC)	Saudi Arabia	05/10/2023	13:50-14:00	#3
Amel	Alhammadi	77212	Sharjah-Sat-3 Mission Design Analysis with STK Software: Orbit Determination, Lifetime Analysis, and Power Generation	B4. 30th IAA SYMPOSIUM ON SMALL	Sharjah Academy for Astronomy, Space	United Arab Emirates	05/10/2023	13:50-14:00	#22
Tirza Ohan	Berger de Souza	77746	Mission design of a 3U CubeSat for optical communication: SAMSat-LED	B4. 30th IAA SYMPOSIUM ON SMALL	Samarra National Research University	Russian Federation	05/10/2023	13:50-14:00	#8
Kamil	Ziolkowski	79220	experimental verification of the altitude stabilisation capability of a meteorological balloon	B4. 30th IAA SYMPOSIUM ON SMALL	Rzeszów University of Technology	Poland	05/10/2023	13:50-14:00	#11
Taiko	Kawakami	76637	The possibility of developing Japanese culture through "space"	E5. 34th IAA SYMPOSIUM ON SPACE	ASTRAX, Inc.	Japan	05/10/2023	13:50-14:00	#33
Soltan	Sharifzada	76912	Application of Artificial Intelligence in the Space Mining Industry	B6. IAF SPACE OPERATIONS	Azerbaijan State Oil and Industry	Azerbaijan	05/10/2023	13:50-14:00	#1
Junhui	Zhou	77173	A Decentralized Approach for Multi-spacecraft Mission Planning	B6. IAF SPACE OPERATIONS	School of Aerospace Engineering, Beijing	China	05/10/2023	13:50-14:00	#23
Jakub	Mašek	76069	Additive design of heat switch technology: Lessons learned	C2. IAF MATERIALS AND STRUCTURES	Brno University of Technology	Czech Republic	05/10/2023	13:50-14:00	#20
Angel	Vázquez	80733	Optimizing Routing and Network Planning in Satellite Constellations using the Floyd-Warshall Algorithm	B6. IAF SPACE OPERATIONS	High Technology Unit (UAT) Faculty of	Mexico	05/10/2023	13:50-14:00	#15
Hayeon	Kim	80639	Application of dynamic programming for low-thrust station-keeping optimization on geostationary orbit.	C1. IAF ASTRODYNAMICS	Moscow Aviation Institute (National	Russian Federation	05/10/2023	13:50-14:00	#13
Sergey	Trofimov	80616	Single-Launch Deployment of Lunar Constellations from a Sun-Assisted Lunar Transfer Trajectory	C1. IAF ASTRODYNAMICS	Keldysh Institute of Applied Mathematics,	Russian Federation	05/10/2023	13:50-14:00	#37
Federica	Angeletti	80709	Active vibration control of smart lightweight composite structures for a small flexible spacecraft	C2. IAF MATERIALS AND STRUCTURES	University of Rome	Italy	05/10/2023	13:50-14:00	#9
Chidchano	chaichuenchob	76885	The Lesson Learned of Facing THEOS-2A Battery Thermal Handling Issue During Satellite Development Phase	C2. IAF MATERIALS AND STRUCTURES	La Sapienza	Italy	05/10/2023	13:50-14:00	#24
Filippo	Papamarengi	78566	Business models within the satellite services and applications sector	E3. 36th IAA SYMPOSIUM ON SPACE		Thailand	05/10/2023	13:50-14:00	#21
Ilias	Fernini	76737	Summer Students Internship Program at the Sharjah Academy for Astronomy, Space Sciences, and Technology	E1. IAF SPACE EDUCATION AND	Sharjah Academy for Astronomy, Space	United Arab Emirates	05/10/2023	13:50-14:00	#18

Firstname	Lastname	Id	Title	Symposium	Company	Country	Date	Time	Screen
Ali	Mammadov	80696	reducing deaths in traffic accidents with space research and artificial intelligence.	E6. IAF BUSINESSES AND INNOVATION		Azerbaijan	05/10/2023	13:50-14:00	#27
Aysu	Ibrahimli	76158	Astrobiology and Exploration	A1. IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM		Azerbaijan	05/10/2023	13:50-14:00	#4
Avid	Roman-Gonzalez	76231	Automated Testing Module Proposal for Validating EEE Space COTS Devices	D1. IAF SPACE SYSTEMS SYMPOSIUM	[unlisted]	Peru	05/10/2023	13:50-14:00	#44
Chengyu	Cai	77230	cooperative navigation method for lunar base equipment based on multi-source information fusion	A3. IAF SPACE EXPLORATION	Beijing Institute of Technology	China	05/10/2023	13:50-14:00	#30
Tatiana V.	Matveeva	77870	Operating Experience Summary and Development Strategy for Space Transport Vehicles	A3. IAF SPACE EXPLORATION	Korolev RSC Energia	Russian Federation	05/10/2023	13:50-14:00	#5
TaeYoung	Lee	77917	Optimization, design, fabrication, and experiment of the foldable wheel of the lunar rover.	A3. IAF SPACE EXPLORATION	Unmanned Exploration Laboratory (UEL)	Korea, Republic of	05/10/2023	13:50-14:00	#28
JAHIR	UDDIN	79702	DeepSea Cluster: Detection and Classification of Anthropogenic Ocean Noise Using Satellite Images	B1. IAF EARTH OBSERVATION	University of Nebraska-Lincoln	United States	05/10/2023	13:50-14:00	#16
Nijanthan	Vasudevan	80349	Active space Debris Removal with Artificial Intelligence Assisted CubeSats using Robot Technology and Swarm Intelligence for Trajectory Prediction, Debris Capture, and Deorbiting in Low Earth Orbit	A6. 21ST IAA SYMPOSIUM ON SPACE	Space Generation Advisory Council	United States	05/10/2023	13:50-14:00	#10
Jingxuan	Chai	78675	Cooperative Obstacle Avoidance of a new Multi-node Flexible lander for Asteroid Landing	A3. IAF SPACE EXPLORATION	Harbin Institute of Technology	China	05/10/2023	13:50-14:00	#46
Natalia In	Vargas-Cuentas	79517	Analysis of the scientific production in the space area indexed in the SCOPUS database in South America	E1. IAF SPACE EDUCATION AND RESEARCH	Image Processing Research Laboratory	Peru	05/10/2023	13:50-14:00	#45
Yurie	Suzuki	80477	towards the practice of japanese traditional performing culture in future space activities.	E5. 34TH IAA SYMPOSIUM ON SPACE	Royal College of Art	Japan	05/10/2023	13:50-14:00	#19
Sanjeevira	Thangavel	78424	Model Predictive Control with Sequential Convex Programming (SCP) for Cooperative/Non-cooperative Formation Flying Satellites	C1. IAF ASTRODYNAMICS	[unlisted]	Singapore, Republic of	05/10/2023	13:50-14:00	#6
James	Kingsnorth	77782	Constraining the geologic history and modern geomorphology of Mars using high resolution and multispectral cameras on a swarm of wind-driven mobile impactors	A3. IAF SPACE EXPLORATION	Team Tumbleweed	The Netherlands	05/10/2023	13:50-14:00	#2
M.omar	ALBALBAKI	80007	Using Wadi Rum desert And Terrains as a Space Testing Fields.	A3. IAF SPACE EXPLORATION	Blin- Borderless lab	Jordan	05/10/2023	13:50-14:00	#17
João	Funenga	76700	finding real-world orbital motion laws from data	A6. 21ST IAA SYMPOSIUM ON SPACE	FCT-UNL	Portugal	05/10/2023	13:50-14:00	#12
Jorge	Olmos Ríos	80737	Digital human-centered interface design for a short learning curve on critical telemetry systems	B3. IAF HUMAN SPACEFLIGHT	Andes Aerospace	Chile	05/10/2023	13:50-14:00	#7
Nubar	Habizadeh	77677	GIS Project Development for University's Campus: A Case Study of the National Aviation Academy in Azerbaijan	B1. IAF EARTH OBSERVATION	National Aviation Academy - Azerbaijan	Azerbaijan	05/10/2023	14:00-14:10	#5
Gumru	Sharafkhanova	75748	Assessing the Impact of Illegal Buildings Using High-Resolution Satellite Imagery	B1. IAF EARTH OBSERVATION	NASA	Azerbaijan	05/10/2023	14:00-14:10	#47
Gilberto	Goracci	78269	Onboard Direct Weakly Supervised Band-to-Band Alignment	B1. IAF EARTH OBSERVATION	Scuola di Ingegneria Aerospaziale La	Italy	05/10/2023	14:00-14:10	#14
Salman Ali	Thepdawala	75666	Collision Risk Assessment: Autonomy Levels for AI-based Autonomous Collision Avoidance	B4. 30TH IAA SYMPOSIUM ON SMALL	Bundeswehr	Germany	05/10/2023	14:00-14:10	#24
Salah Eddin	Bentata	79917	Control approach for Reaction Wheel development in Lab environment	B4. 30TH IAA SYMPOSIUM ON SMALL	Agence Spatiale Algérienne (ASAL)	Algeria	05/10/2023	14:00-14:10	#31
Alessandra	Mannocchi	80016	Closed-loop guidance for interplanetary CubeSats with indirect methods	C1. IAF ASTRODYNAMICS	Politecnico di Milano	Italy	05/10/2023	14:00-14:10	#2
Akan	Selim	75565	Desensitized Ensemble Guidance	C1. IAF ASTRODYNAMICS	Roketsan	Türkiye	05/10/2023	14:00-14:10	#11
Chinathip	Narongphun	78023	an efficient structural analysis of naritcube-1 satellite	C2. IAF MATERIALS AND STRUCTURES	National Astronomical Research Institute of	Thailand	05/10/2023	14:00-14:10	#26
Václav	Lazar	78360	Determination of thermal contact resistance in thermo-vacuum chamber experiments	C2. IAF MATERIALS AND STRUCTURES	Brno University of Technology	Czech Republic	05/10/2023	14:00-14:10	#42
Livia	Ionescu	77517	The capture of near-Earth asteroids in close proximity orbits with a two-spacecraft strategy using a linear approximation	C1. IAF ASTRODYNAMICS	University of Glasgow	United Kingdom	05/10/2023	14:00-14:10	#15
Dulce Fern	Lopez Salvador de Almeida	80747	armillary sphere; flight simulator and space suit	B3. IAF HUMAN SPACEFLIGHT	TECNOLOGICO DE MONTERREY	Mexico	05/10/2023	14:00-14:10	#6
Allan Kard	Junior	79602	Satellite Characterization Using the Theory of Functional Connections and Nelder-Mead Algorithm	C1. IAF ASTRODYNAMICS	Instituto de Telecomunicações	Portugal	05/10/2023	14:00-14:10	#37
Demet	Cilden-Guler	76195	General Overview of Near-Earth Magnetic Anomaly Effects on Satellite Attitude Estimation	C1. IAF ASTRODYNAMICS	Istanbul Technical University	Türkiye	05/10/2023	14:00-14:10	#21
Omar	Saldana Penetro	76706	Nitinol biomimetic compliant mechanism for deep space exploration tested onboard the ISS on MISSE platform.	C2. IAF MATERIALS AND STRUCTURES	Instituto Nacional de Astrofísica, Óptica y	Mexico	05/10/2023	14:00-14:10	#17
Evgeniya	Skryleva Sanchez	78625	Numerical simulation of a detonation engine	C4. IAF SPACE PROPULSION	Lomonosov Moscow State University	Russian Federation	05/10/2023	14:00-14:10	#33
Driana Gal	Contreras	80607	Importance of science and technology in women	E1. IAF SPACE EDUCATION AND RESEARCH	Nacional	Mexico	05/10/2023	14:00-14:10	#10
Najam	Naqvi	80232	Establishment of Space Education Research Lab: A Novel Initiative for Promoting Space Science, Technology and its Applications	E1. IAF SPACE EDUCATION AND RESEARCH	Institute of Space Technology (IST)	Pakistan	05/10/2023	14:00-14:10	#25
Bryan	Méndez Medina	79490	Flight trajectory and recovery optimization of a model rocket through a system of active and passive stability elements designed from tensegrity structures	E2. 51ST IAF STUDENT CONFERENCE	Universidad de Costa Rica	Costa Rica	05/10/2023	14:00-14:10	#18



Firstname	Lastname	Id	Title	Symposium	Company	Country	Date	Time	Screen
Rachael	O'Grady	78552	Mission Impossible? Will an internationally binding legal regime to govern the commercial exploitation of space resources ever be attainable?	E7. IISL COLLOQUIUM ON THE LAW OF OUTER SPACE		United Kingdom	05/10/2023	14:00-14:10	#1
Milica	Milosev	80258	The role of Non-Governmental Organizations (NGOs) in achieving a Space 2030 Agenda and supporting Sustainable Development	E3. 36th IAA SYMPOSIUM ON SPACE	Econnects	Serbia	05/10/2023	14:00-14:10	#4
Anurag	Sakharkar	75705	Correlation analysis as part of a novel biomarker analysis system for astronaut health in space	A1. IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM	University of Saskatchewan	Canada	05/10/2023	14:00-14:10	#20
Avid	Roman-Gonzalez	79521	A Rover Proposal for Moon Exploration Designed at UNTELS	A3. IAF SPACE EXPLORATION	[unlisted]	Peru	05/10/2023	14:00-14:10	#44
Lennart	Fox	77262	Expanding the capabilities of lunar collaborative rovers with a compact robotic arm	A3. IAF SPACE EXPLORATION	NEUROSPACE GmbH	Germany	05/10/2023	14:00-14:10	#8
Majid	Alhajeri	77505	Model-Based Systems Engineering Simulation Tool for The Design and Performance Analysis of Modular Lunar Rovers	A3. IAF SPACE EXPLORATION	University of Glasgow	United Kingdom	05/10/2023	14:00-14:10	#23
TaeYoung	Lee	78706	Non GPS positioning system for lunar exploration rover.	A3. IAF SPACE EXPLORATION	Unmanned Exploration Laboratory (UEL)	Republic of Korea,	05/10/2023	14:00-14:10	#28
JAHIR	UDDIN	79689	Optimizing Autonomous Navigation of Unmanned Ground Vehicles in Challenging Terrain through Surface Analysis and AI	A3. IAF SPACE EXPLORATION	University of Nebraska-Lincoln	United States	05/10/2023	14:00-14:10	#16
Anushka S	Kumavat	78059	Enhancing Spectral Sensitivity Through Intelligent Targeting	A4. 52nd IAA SYMPOSIUM ON THE	[unlisted]	India	05/10/2023	14:00-14:10	#27
Ugur	drguven	76137	How to Distinguish a Potential Spaceship in Search for Extraterrestrial Intelligence?	A4. 52nd IAA SYMPOSIUM ON THE	UN CSSTEAP	United Kingdom	05/10/2023	14:00-14:10	#13
Zhengyu	Pan	77297	Large-scale Rapid Evaluation for the Collision Risk of Mega Constellations	A6. 21st IAA SYMPOSIUM ON SPACE	School of Aerospace Engineering, Beijing	China	05/10/2023	14:00-14:10	#30
Fidan	Huseynzada	78838	James Webb Telescope	A7. IAF SYMPOSIUM ON ONGOING AND NEAR	Baku State University	Azerbaijan	05/10/2023	14:00-14:10	#3
Natalia Ind	Vargas-Cuentas	79433	Satellite-Based Air Pollution Monitoring in Bolivia During the Quarantine of COVID-19	E5. 34th IAA SYMPOSIUM ON SPACE	Research Laboratory	Peru	05/10/2023	14:00-14:10	#45
Vugar	Mammadov	75259	ANALYSIS OF INSURANCE POLICY AND THE RULE OF LAW FOR PROVIDING CYBER SECURITY IN COMMERCIAL SPACE AFFAIRS	E7. IISL COLLOQUIUM ON THE LAW OF OUTER SPACE	Agency of Republic of	Azerbaijan	05/10/2023	14:00-14:10	#9
Anna	Dovlatidou	76905	the use of interior and architectural techniques to improve the quality of life of people outside the earth	E5. 34th IAA SYMPOSIUM ON SPACE		Cyprus	05/10/2023	14:00-14:10	#7
Motoki	Kawase	78839	The Idea of Convivial Society Embodied in the Flame that Lit in the Stratosphere	E5. 34th IAA SYMPOSIUM ON SPACE	Nagoya Institute of Technology	Japan	05/10/2023	14:00-14:10	#19
Arwa	Bin tareef	79642	Electronic Components for Analog EVA Space Suit: Design and Performance Analysis.	A1. IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM	[unlisted]	Jordan	05/10/2023	14:00-14:10	#40
Oleg	Aleksandrov	76108	421-DAY PILOTED EXPEDITION TWO TRAVELERS TO MARS AND BACK.	B3. IAF HUMAN SPACEFLIGHT	private individual	United States	05/10/2023	14:00-14:10	#22
Michael Vi	Quispe Mendoza	80671	Analysis of braking during the ballistic descent of the lander and the putting into operation of two balloons into the atmosphere of Venus	A3. IAF SPACE EXPLORATION	Moscow Aviation Institute (National)	Russian Federation	05/10/2023	14:00-14:10	#41
Raj	Kedia	76046	EUROCUBES â€œ Europa CubeSat Exploration and Science	A3. IAF SPACE EXPLORATION	University of Colorado Boulder	United States	05/10/2023	14:00-14:10	#12
Rauf	Ragimov	75741	Rauf Ragimov, Elchin Isgenderzade, Rovshan Ramazanov, Ilaha Hasanova An innovative technology for aerospace monitoring of geotechnical systems based on the use of unmanned aerial vehicles (UAVs).	B1. IAF EARTH OBSERVATION	Azerbaijan National Aerospace Agency	Azerbaijan	05/10/2023	14:10-14:20	#23
Cheyenne	Powell	75673	Question Answering over Knowledge Graphs for Explainable Satellite Scheduling	B6. IAF SPACE OPERATIONS	University of Strathclyde	United Kingdom	05/10/2023	14:10-14:20	#13
Nazim	Muradov	77629	renewable liquid propellants: decarbonizing space exploration	C4. IAF SPACE PROPULSION	University of Central Florida (UCF)	United States	05/10/2023	14:10-14:20	#6
Andrei	Shumeiko	80212	Direct thrust measurements of multidirectional plasma thruster operated in Krypton	C4. IAF SPACE PROPULSION	Bauman Moscow State Technical University	Russian Federation	05/10/2023	14:10-14:20	#5
Danetti	Martino	78126	Development of Atlas: A Liquid Rocket Engine Cryogenic Test Stand and Feed System	C4. IAF SPACE PROPULSION	Viterbi School of Engineering, USC	United States	05/10/2023	14:10-14:20	#9
Fuqiang	Duan	79031	Observer-based fault-tolerant integrated orbit-attitude control of solar sail	C1. IAF ASTRODYNAMICS	National University of Defense Technology	China	05/10/2023	14:10-14:20	#18
Chingiz	Hajiyev	80612	Nanosatellite Attitude Estimation with Uncertain Process and Measurement  Noise Using Nontraditional Filtering	D1. IAF SPACE SYSTEMS SYMPOSIUM	Istanbul Technical University	TÃ¼rkiye	05/10/2023	14:10-14:20	#21
HÃ©loÃ© s	Vertadier	77123	The Importance of Nuclear Energy Governance in Establishing Sustainable Lunar Settlements	E3. 36th IAA SYMPOSIUM ON SPACE	Open Lunar Foundation	New Zealand	05/10/2023	14:10-14:20	#24
Alessandro	Bartoloni	79003	Towards an Analogue Environment for  Space Radiation and Radiobiology Investigations:  the Laser Plasma Accelerators Case	A1. IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM	National Institute of Nuclear Physics - INFN	Italy	05/10/2023	14:10-14:20	#35
Ivan	Ponomarev	77310	Combined Electromyostimulation mode to mitigation of space flight effects on Contractile Properties of Lower Extremities Muscles	A1. IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM	Institute of Biomedical Problems (IBMP),	Russian Federation	05/10/2023	14:10-14:20	#16
Nelly	Abu Sheli	78746	Female dry immersion: results of a posturographic study	A1. IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM	Institute of Biomedical Problems (IBMP),	Russian Federation	05/10/2023	14:10-14:20	#15
Tomas	Ducaj	79010	Analogue space missions as testing platforms for a broader access to space for parastronauts	A3. IAF SPACE EXPLORATION	University of Vienna	Austria	05/10/2023	14:10-14:20	#14
Avid	Roman-Gonzalez	79894	Aerospace Science & Health Research Laboratory (INCAS-Lab) as a Tool for Education and Outreach Tasks	E1. IAF SPACE EDUCATION AND	[unlisted]	Peru	05/10/2023	14:10-14:20	#44
Sarath Raj	Syamala	80488	Quantifying Carbon Depletion in the Martian Atmosphere through Ultraviolet Radiation Analysis: Insights from Emirates Mars Mission (EMM) Data on Carbon Monoxide (CO) Levels	A3. IAF SPACE EXPLORATION	Amity University, Dubai	United Arab Emirates	05/10/2023	14:10-14:20	#29

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Ugur	drguven	78815	Using University Cubesats for Earthquake Detection and Disaster Management	B4. 30th IAA SYMPOSIUM ON SMALL	UN CSSTEAP	United Kingdom	05/10/2023	14:10-14:20	#11
Hong-Kyu	Moon	79508	Lava Tube-based Lunar/Mars Analog Station in Jeju Island	A3. 26th IAA SYMPOSIUM ON	Korea Astronomy and Space Science Institute	Korea, Republic of	05/10/2023	14:10-14:20	#20
Liqiang	Hou	76402	Optimal Low Thrust Debris Removal Using a Tethered System Considering Collision Avoidance	A6. 21st IAA SYMPOSIUM ON SPACE	Shanghai Jiaotong University	China	05/10/2023	14:10-14:20	#17
Xiaowei	WANG	76376	A novel Method of Space Non-cooperative Target Capture Based on Multi-source Visual Information Fusion Algorithm	A6. 21st IAA SYMPOSIUM ON SPACE	China Academy of Launch Vehicle	China	05/10/2023	14:10-14:20	#12
Ai	Gao	77191	spacecraft components detection method based on randomized image enhancement	A6. 21st IAA SYMPOSIUM ON SPACE	Beijing Institute of Technology	China	05/10/2023	14:10-14:20	#30
Sunil	Kang	75568	Operation Procedures of Launch Complex in NARO Space Center for KSLV-II Flight Test	D2. IAF SPACE TRANSPORTATION	Korea Aerospace Research Institute	Korea, Republic of	05/10/2023	14:10-14:20	#42
Danny	Tjokrosetio	75899	A History of Space Food: items, attributes, and candidates.	E4. 57th IAA HISTORY OF ASTRONAUTICS	Space Generation Advisory Council	Netherlands	05/10/2023	14:10-14:20	#8
Paolo	Mangili	74762	Space Tugs and Lagrange Points: Key Architectures for the New Cis-Lunar Economy	E5. 34th IAA SYMPOSIUM ON SPACE	University of Houston	United States	05/10/2023	14:10-14:20	#10
Francesca	Covella	76556	A space ecosystem maturity index: proposition to assess and identify the development level of space innovation ecosystems around the world	E6. IAF BUSINESSES AND INNOVATION	Imperial College London	Italy	05/10/2023	14:10-14:20	#1
Fakhri	Babayev	80078	Advancements in Payload Hosting Operations for New Space: Addressing Challenges, Streamlining Processes, Enhancing Economic Viability, and Demonstrating Efficacy through Empirical Evidence	E9. IAF SYMPOSIUM ON SECURITY, STABILITY	GomSpace Aps	Luxembourg	05/10/2023	14:10-14:20	#22
Daniel	Condurache	76988	MULTIDUAL QUATERNIONS BASED DYNAMICS MODELING FOR A RIGID-FLEXIBLE COUPLING SPACECRAFT AND APPLICATION	C1. IAF ASTRODYNAMICS	Technical University of Iasi	Romania	05/10/2023	14:10-14:20	#2
Josep	Colomé Ferrer	78622	The Catalan NewSpace Strategy	E6. IAF BUSINESSES AND INNOVATION	Institut d'Estudis Espacials de Catalunya	Spain	05/10/2023	14:10-14:20	#19
Sanjeevira	Thangavel	80678	Robust Relative Dynamic Model: A Novel Approach for Cluster Formation Satellites	C1. IAF ASTRODYNAMICS	[unlisted]	Singapore, Republic of	05/10/2023	14:10-14:20	#4
Alizada	Ravan	80663	VIRTUAL REALITY (VR) TECHNOLOGY-PSYCHOLOGICAL SUPPORT FOR ASTRONAUTS IN SPACE EXPLORATION	A1. IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM	Baku State University	Azerbaijan	05/10/2023	14:10-14:20	#3
João	Catulo	78107	Predicting the Probability of Satellite Collisions using Bayesian Univariate Hidden Markov Model	A6. 21st IAA SYMPOSIUM ON SPACE	Instituto Superior Técnico	Portugal	05/10/2023	14:10-14:20	#26
Abdikul	Ashurov	80716	Creation of a service for monitoring satellite maneuvers	A6. 21st IAA SYMPOSIUM ON SPACE	L. N. Gumiliev Eurasian National University	Kazakhstan	05/10/2023	14:10-14:20	#7
Fazil	Ismailov	75507	method and practical results of processing space images of the caucasus-caspian region	B1. IAF EARTH OBSERVATION		Azerbaijan	05/10/2023	14:20-14:30	#18
Gwendal	Hénaff	78211	Design and laboratory testing of a 4U 3U-printed ion/electron spectrometer with an instantaneous 3D field of view for small satellites.	B4. 30th IAA SYMPOSIUM ON SMALL	Laboratoire de Physique des Plasmas	France	05/10/2023	14:20-14:30	#13
Aisha	Alowais	76191	Classification of Incoming Radio Data from a Solar Radio Spectrometer	B5. IAF SYMPOSIUM ON INTEGRATED	Sherjah Academy for Astronomy, Space	United Arab Emirates	05/10/2023	14:20-14:30	#37
Neha	Chohan	79703	Comparison of Non-Linear Heuristic Control and Linear Time-Varying Optimal Control Design for 3-axes Attitude Control of a Microsatellite	C1. IAF ASTRODYNAMICS	ReOrbit	Finland	05/10/2023	14:20-14:30	#15
Anna	Guerman	78893	Approximation for gravitational field of a small celestial body by a triple of uniform balls	C1. IAF ASTRODYNAMICS	Centre for Mechanical and Aerospace Science	Portugal	05/10/2023	14:20-14:30	#32
John Patrick	Harris	80417	Applied Electric Field on Improved Smart Optical Material (SOM), Aluminum-Doped Zinc Oxide (AZO), Characterized by Modified Variable Angle Spectroscopic Ellipsometer (VASE) and Infrared (IR) camera for Space Applications - Part II	C2. IAF MATERIALS AND STRUCTURES	Norfolk State University	United States	05/10/2023	14:20-14:30	#38
Elvin	Osmanov	76456	current and future developments in solar array technology for space-based solar power.	C3. IAF SPACE POWER SYMPOSIUM	Azerocosmos, Space Agency of Republic of	Azerbaijan	05/10/2023	14:20-14:30	#33
Jordan	Hsieh	79288	Magnetic Octupole Plasma Thruster with a Center-Mounted Hollow Cathode	C4. IAF SPACE PROPULSION	National Cheng Kung University	Taiwan, China	05/10/2023	14:20-14:30	#50
Mohamed	Elawad	78825	Fabrication and propulsion performance testing of a 100 mN class resistojet thruster	C4. IAF SPACE PROPULSION	United Arab Emirates University (UAEU)	United Arab Emirates	05/10/2023	14:20-14:30	#6
Nicolo'	Stronati	78741	Methods for dynamic studies of close encounters and application to real cases	C1. IAF ASTRODYNAMICS	Cranfield University	United Kingdom	05/10/2023	14:20-14:30	#25
Anirudh	Etagi	79670	Attitude Control of an Earth-pointing Satellite Employing Novel Actuator Configurations for Global Asymptotic Stability	C1. IAF ASTRODYNAMICS		India	05/10/2023	14:20-14:30	#8
Salam	AbuAlhayjaa	79116	TEG-Based Cooling System: A Promising Advancement in Materials and Rapid Prototyping for Spacesuits	C2. IAF MATERIALS AND STRUCTURES	[unlisted]	Jordan	05/10/2023	14:20-14:30	#7
Chingiz	Hajiyev	80615	In-Orbit Estimation of Magnetometer Biases and Scale Factors via Nonlinear Two-Stage Kalman Filter	D1. IAF SPACE SYSTEMS SYMPOSIUM	Istanbul Technical University	Türkiye	05/10/2023	14:20-14:30	#21
Arianna	Vettorel	80710	Cybersecurity in New Space and the problem of international regulation	E7. ISE COLLOQUIUM ON THE LAW OF OUTER	Ca' Foscari University of Venice	Italy	05/10/2023	14:20-14:30	#3
Funmilola	Oluwafemi	75831	Microgravity Applications in Pharmacy for Protein Therapeutics	A1. IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM	National Space Research and Institute of Biomedical	Nigeria	05/10/2023	14:20-14:30	#20
Nikita	Shishkin	77363	Effects of different duration Dry Immersion on sensory organization of postural system	A1. IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM	Institute of Biomedical Problems (IBMP),	Russian Federation	05/10/2023	14:20-14:30	#16
Avid	Roman-Gonzalez	79944	Proposal for a National Program for the Incursion Into the Space Industry for Developing Countries	B4. 30th IAA SYMPOSIUM ON SMALL	[unlisted]	Peru	05/10/2023	14:20-14:30	#44
Sarath Raj	Syamala	77544	Characterizing the Directional Intensities of Ion Impacts on the Moon and their Impact on Space Weather	A3. IAF SPACE EXPLORATION	Amity University, Dubai	United Arab Emirates	05/10/2023	14:20-14:30	#29

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Stefano	Pescaglia	76443	LuNaDrone: a small flying vehicle for lunar pit exploration	A3. IAF SPACE EXPLORATION	Politecnico di Torino	Italy	05/10/2023	14:20-14:30	#4
Ting	Song	77214	multi-type terrain detection and evaluation on planet surface based on deep learning	A3. IAF SPACE EXPLORATION	Northwestern Polytechnical	China	05/10/2023	14:20-14:30	#30
KaiQi	Cui	76549	Improving the method of assessing the potential damage of space objects	A6. 21ST IAA SYMPOSIUM ON SPACE	Purple Mountain Observatory (PMO)	China	05/10/2023	14:20-14:30	#14
Salihah	Haciyeva	79061	How to make money from space debris?	A6. 21ST IAA SYMPOSIUM ON SPACE	Azerbaijan State University of	Azerbaijan	05/10/2023	14:20-14:30	#10
Daniel	Lubiñ Arenillas	79880	The Debris Mitigation Facility for Sustainable Space Missions	A6. 21ST IAA SYMPOSIUM ON SPACE	OKAPI:Orbits GmbH	Germany	05/10/2023	14:20-14:30	#2
Khidir	Mikhailov	77165	spectral investigations of the symbiotic star ch cygni in 2014-2020	A7. IAF SYMPOSIUM ON ONGOING AND NEAR	Baku State University	Azerbaijan	05/10/2023	14:20-14:30	#17
Nubar	Seyidova	76748	Space and human expectations	E3. 36th IAA SYMPOSIUM ON SPACE	National Aviation Academy - Azerbaijan	Azerbaijan	05/10/2023	14:20-14:30	#5
Vugar	Mammadov	75917	Comparative analysis of the precautionary principle with the principle of due diligence for commercial space actors toward space debris remediation.	E7. IAF SYMPOSIUM ON THE LAW OF OUTER	Azerocosmos, Space Agency of Republic of	Azerbaijan	05/10/2023	14:20-14:30	#9
Lluçs	Foreman Campins	79845	NewSpace Lab: Supporting the development of the space ecosystem in Catalonia	E6. IAF BUSINESS AND INNOVATION	Institut d'Estudis Espacials de Catalunya	Spain	05/10/2023	14:20-14:30	#19
Mila	Spence	78081	A Call for an Internationally Binding Legal Definition of "Sustainability" in Outer Space Legislation.	E7. IAF SYMPOSIUM ON THE LAW OF OUTER	University of Exeter	United Kingdom	05/10/2023	14:20-14:30	#1
Stefan Ale	Djordjevic	80701	Relativistic Comparison of Particle Wave Movement to Orbital Mechanics: Harmonic Orbiting for Generating 1g Inertia in a Spacecraft	A2. IAF MICROGRAVITY SCIENCES AND	[unlisted]	Serbia	05/10/2023	14:20-14:30	#11
Klaus	Merz	78918	ESA's collision risk estimation and automated mitigation (CREAM) project - status, results and future evolution	A6. 21ST IAA SYMPOSIUM ON SPACE	European Space Agency (ESA/ESOC)	Germany	05/10/2023	14:20-14:30	#12
Nur Awati	Mohamad Rizal	76011	Lithospheric-Ionospheric Coupling Effects: Observations prior to the 15 December 2017, Indonesia earthquake using Space Borne and Ground Sensor	B1. IAF EARTH OBSERVATION	Universiti Sains Malaysia	Malaysia	05/10/2023	14:30-14:40	#13
Mikhail Yu	Belyaev	76197	monitoring and research of animal movements on earth by means of the scientific hardware installed on the iss rs	B1. IAF EARTH OBSERVATION	Korolev RSC Energia Space Generation Advisory Council	Russian Federation	05/10/2023	14:30-14:40	#5
Dhanisha	Sateesh	79164	Building a Sustainable Climate Change Monitoring Satellite Mission through Life Cycle Assessment	B1. IAF EARTH OBSERVATION	The Spring Institute for Forests on the Moon	India	05/10/2023	14:30-14:40	#15
Yasser	Moumtaz	77765	Passive thermal control to maintain Earth-like temperatures inside a CubeSat	B4. 30th IAA SYMPOSIUM ON SMALL	National University of Defense Technology	China	05/10/2023	14:30-14:40	#12
Jie	Wang	76942	dynamic characteristics of tethered asteroid probe considering tether's flexibility	B4. 30th IAA SYMPOSIUM ON SMALL	Polytechnique	France	05/10/2023	14:30-14:40	#34
David	Vlassov	80344	Earth observation payloads on-board a 3U CubeSat and their scientific purpose for monitoring surface temperature hotspots	B4. 30th IAA SYMPOSIUM ON SMALL	Montreal Xian Aerospace Propulsion Institute	Canada	05/10/2023	14:30-14:40	#14
chen	cao	75797	Research on the acoustic characteristics of flow distribution plate in LOX/kerosene staged combustion rocket engine	C4. IAF SPACE PROPULSION	Propulsion Institute	China	05/10/2023	14:30-14:40	#27
Hao	Liu	79717	Design of a Lifting-Body Earth Return Orbiter for Mars Expedition Missions	D2. IAF SPACE TRANSPORTATION	Tsinghua University	China	05/10/2023	14:30-14:40	#10
Chippy	V	79355	Distributed data acquisition architecture with precise time synchronization for control and monitoring process parameters during structural testing of cryogenic propellant tanks	D2. IAF SPACE TRANSPORTATION	ISRO Propulsion Complex,	India	05/10/2023	14:30-14:40	#49
Stefano	Aliberti	77554	Dynamics and Control of Gyroscopic Stabilized Tether Satellite System in LEO	C1. IAF ASTRODYNAMICS	Politecnico di Torino	Italy	05/10/2023	14:30-14:40	#2
Omnia	Khattab	80624	Graphene-based Laser Propulsion For Space Application	C4. IAF SPACE PROPULSION	Khalifa University of Science and	United Arab Emirates	05/10/2023	14:30-14:40	#22
Abdulla	Sofiyev	80591	MODELING OF FUNCTIONALLY GRADED COATINGS AND APPLICATIONS IN SANDWICH STRUCTURES	C2. IAF MATERIALS AND STRUCTURES	[unlisted]	Türkiye	05/10/2023	14:30-14:40	#18
Ilham	Suleymanov	77641	From Micro to Mega: Developing Space Power Systems for Ambitious Missions	C3. IAF SPACE POWER SYMPOSIUM	Azerbaijan State Oil and Industry	Azerbaijan	05/10/2023	14:30-14:40	#19
Nijat	Abdulla	77794	Toolkit for Liquid Rocket Propulsion System Design	C4. IAF SPACE PROPULSION	National Aviation Academy - Azerbaijan	Azerbaijan	05/10/2023	14:30-14:40	#21
A. Bilal	Äzcan	80662	Novel CubeSat Test Setup Validating Satellite Attitude Determination and Control	E1. IAF SPACE EDUCATION AND	University of International Space	Türkiye	05/10/2023	14:30-14:40	#9
Stirling	Forbes	77031	Empowering European NewSpace Entrepreneurs: A Tailored Database Framework for Venture Capital Funding	E6. IAF BUSINESS AND INNOVATION	University (ISU)	France	05/10/2023	14:30-14:40	#16
Galina	Vassilieva	79354	body composition and bone status of women of reproductive age exposed to the conditions of 3 and 5-day dry immersion without countermeasures	A1. IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM	Institute of Biomedical Problems (IBMP),	Russian Federation	05/10/2023	14:30-14:40	#33
Yufei	Guo	79298	A Multi-robot Path Planning Method Based on Improved Conflict Search for Complex Lunar Environment	A3. IAF SPACE EXPLORATION	Northwestern Polytechnical	China	05/10/2023	14:30-14:40	#7
Avid	Roman-Gonzalez	78196	First Undergraduate Course on Space Systems in Peruvian Universities	E1. IAF SPACE EDUCATION AND	[unlisted]	Peru	05/10/2023	14:30-14:40	#44
Sarath Raj	Syamala	75933	The Study of Changes in H+ ion concentration constituting the auroral formation in Mars using EMM, MAVEN & THEMIS	A3. IAF SPACE EXPLORATION	Amity University, Dubai	United Arab Emirates	05/10/2023	14:30-14:40	#29
Siqi	Lu	77353	Inertial-visual Collaborative Navigation Method for Master-slave Multi-lunar-based Equipment	A3. IAF SPACE EXPLORATION	School of Aerospace Engineering, Beijing	China	05/10/2023	14:30-14:40	#17
Carlos Alfr	Manriquez	77818	The development and design of a solar tracker system implemented in space exploration vehicles	A3. IAF SPACE EXPLORATION	Samara National Research University	Russian Federation	05/10/2023	14:30-14:40	#8

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Md Yusoff	Siti Harwani	76005	ACADEMIA AND INDUSTRY PARTNERSHIP IN SATELLITE ENGINEERING TRAINING, RESEARCH, AND DEVELOPMENT AT UNIVERSITI SAINS MALAYSIA	E1. IAF SPACE EDUCATION AND	Universiti Sains Malaysia	Malaysia	05/10/2023	14:30-14:40	#6
Tahira	Allahyarova	78505	Space Through Social and Humanitarian Sciences Lens: Some Issues Related to the Development of Astrosociology in Azerbaijan	E5. 34TH IAA SYMPOSIUM ON SPACE		Azerbaijan	05/10/2023	14:30-14:40	#11
Delphine	URBAH	75898	Food production systems and methods towards food security and sustainability in space and on Earth.	E5. 34TH IAA SYMPOSIUM ON SPACE	[unlisted]	France	05/10/2023	14:30-14:40	#20
Jin Cheng	Hu	77447	Boundary-Value Problem of Tisserand-Leveraging Transfers	C1. IAF ASTRODYNAMICS	Nanjing University of Aeronautics and	China	05/10/2023	14:30-14:40	#24
Sanjeevira	Thangavel	79207	Developing an LQR/APF based Orbit correction, Orbit Prediction, and Navigation Control for CubeSat's Formation Flying	C1. IAF ASTRODYNAMICS	[unlisted]	Singapore, Republic of	05/10/2023	14:30-14:40	#3
Luigi	De Maria	76273	Numerically Efficient Impulsive and Low-Thrust Collision Avoidance Manoeuvres in Cislunar L1-Near Rectilinear Halo Orbit	Ab. 21ST IAA SYMPOSIUM ON SPACE	Politecnico di Milano	Italy	05/10/2023	14:30-14:40	#1
Gianluca	Campagna	77585	Unlocking onboard SAR processing: focusing and ship detection on Sentinel-1 IW data	B1. IAF EARTH OBSERVATION	AIKO S.r.l.	Italy	05/10/2023	14:30-14:40	#4
Zamina	Aliyeva	78353	Î»171Ã... Fe IX line profiles in the spectrum of slow magneto-acoustic waves	A7. IAF SYMPOSIUM ON ONGOING AND NEAR	Baku State University	Azerbaijan	05/10/2023	14:40-14:50	#11
Raphael	Bertrand Delgado	77443	Spacecraft Charging Risks in Low Earth Orbit for the Morazjain Satellite MRZ-SAT CubeSat	B4. 30TH IAA SYMPOSIUM ON SMALL	National Autonomous University of Honduras	Honduras	05/10/2023	14:40-14:50	#6
Marco	Guerzoni	77423	Unlocking the Potential of the In-Orbit Servicing Market: Key Segments and Their Future Value	B6. IAF SPACE OPERATIONS		Italy	05/10/2023	14:40-14:50	#18
Wenjian	Tao	77964	Intelligent Integrated Navigation of Solar System Boundary Exploration Cruise Phase Based on Q-Learning Extended Kalman Filter	C1. IAF ASTRODYNAMICS	School of aeronautics and astronautics, Sun	China	05/10/2023	14:40-14:50	#16
Di	Wu	77114	clearance accuracy analysis and method research based on multi-closed-loop truss antenna unit	C2. IAF MATERIALS AND STRUCTURES	Nanjing University of Aeronautics and	China	05/10/2023	14:40-14:50	#37
Chen	Jianhua	75810	Review on the technology of liquid oxygen kerosene engine for the booster stage of Long March 5	C4. IAF SPACE PROPULSION	Xi'an Aerospace Propulsion Institute	China	05/10/2023	14:40-14:50	#27
Mousa	Aqailan	77478	THE EFFECT OF SWIRL INJECTION PARAMETERS ON A VORTEX-COOLED THRUSTER FABRICATED USING THERMOPLASTICS AND METAL	C4. IAF SPACE PROPULSION	United Arab Emirates University (UAEU)	United Arab Emirates	05/10/2023	14:40-14:50	#4
Elia Luigi	Altieri	77891	preliminary design of a satellite infrastructure for wireless power supply of earth satellites	D1. IAF SPACE SYSTEMS SYMPOSIUM	Politecnico di Milano	Italy	05/10/2023	14:40-14:50	#3
Catello	Matonti	77817	New results on the mass-optimization analysis of a planetary sunshade system	C1. IAF ASTRODYNAMICS	Politecnico di Torino	Italy	05/10/2023	14:40-14:50	#2
Katsiaryna	Rutkouskaya	79707	FROM SPACE TO EARTH: BRIDGING THE SPACE-NON-SPACE DIVIDE THROUGH RAISING AWARENESS AND ESTABLISHING MUTUAL UNDERSTANDING	E1. IAF SPACE EDUCATION AND	Stichting dotSPACE	Netherlands	05/10/2023	14:40-14:50	#22
Luca	Colombo	77672	Trade-off studies on mission architecture and configuration of a small partially reusable stratolauncher for smallsat LEO delivery	D2. IAF SPACE TRANSPORTATION	Politecnico di Milano	Italy	05/10/2023	14:40-14:50	#19
Davide	Scalettari	80341	A student approach for thermal modelling, validation and testing of the 6S CubeSat	E2. 51ST IAF STUDENT CONFERENCE	Politecnico di Milano	Italy	05/10/2023	14:40-14:50	#25
Nadezhda	Lukicheva	79301	Evaluation of the lactoferrin influence on the indicators of bone tissue metabolism at 21-day unloading of the hind limbs in rats	A1. IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM	Institute of Biomedical Problems (IBMP),	Russian Federation	05/10/2023	14:40-14:50	#33
Carole-An	Vollette	78727	A wearable-based system to reduce space motion sickness by multi-sensory pre-habitation	A1. IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM	University of Zurich	Switzerland	05/10/2023	14:40-14:50	#7
Sahba	El-Shawa	75670	First Analog Mission of the Jordan Space Research Initiative:  One Small Step for Emerging Space Countries, One Giant Leap for Jordan	E5. 34TH IAA SYMPOSIUM ON SPACE	Jordan Space Research Initiative (JSRI)	Jordan	05/10/2023	14:40-14:50	#15
Alessandro	Bartoloni	79537	The Italian Moon Village Association Space Summer School Experience	D4. 21ST IAA SYMPOSIUM ON	National Institute of Nuclear Physics - INFN	Italy	05/10/2023	14:40-14:50	#35
Diana	Pawlicki	77019	Improvement in mechanical properties of fungal-bacterial biocomposites as space construction material - transgenic microorganisms in mWALLd	A1. IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM	University of Lodz	Poland	05/10/2023	14:40-14:50	#50
I SANG	YU	77948	microgravity environment test facilities in Korea	A2. IAF MICROGRAVITY SCIENCES AND	Korea Aerospace Research Institute	Korea, Republic of	05/10/2023	14:40-14:50	#13
Carole	Dangoisse	79633	Virtual Reality rescue training simulation- Addressing retention of skills in extreme environments	A1. IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM	[unlisted]	United Kingdom	05/10/2023	14:40-14:50	#17
Avid	Roman-Gonzalez	79402	Proposal for a Satellite, Drone and Ground Sensor Information Fusion Applied to Public Health	B1. IAF EARTH OBSERVATION	Image Processing Research Laboratory	Peru	05/10/2023	14:40-14:50	#44
Sarath Raj	Syamala	75939	The Role of Satellite Imagery in War Crime Investigations: An Overview of its Use as Evidence	B1. IAF EARTH OBSERVATION	Amity University, Dubai	United Arab Emirates	05/10/2023	14:40-14:50	#29
Andrea	Manganiello	78285	Definition and Testing of a Satellite-to-User Ranging and Communication Signal for a Martian Navigation System	A3. IAF SPACE EXPLORATION	Argotec	Italy	05/10/2023	14:40-14:50	#30
Shaotian	Gao	78715	Maneuvering detection of space non-cooperative targets based on time sequence information	Ab. 21ST IAA SYMPOSIUM ON SPACE	Northwestern Polytechnical	China	05/10/2023	14:40-14:50	#49
Marta	Guimaraes	78441	Taxonomy for Resident Space Objects in LEO	Ab. 21ST IAA SYMPOSIUM ON SPACE	Neuraspace	Portugal	05/10/2023	14:40-14:50	#20
Kamala	Alisheva	77254	Determination methods of the distance to NOVAE	A7. IAF SYMPOSIUM ON ONGOING AND NEAR	Baku State University	Azerbaijan	05/10/2023	14:40-14:50	#14
Fangyuan	Shi	77354	Image-based targets tracking for multiple remote satellites in complex stellar background	Ab. 21ST IAA SYMPOSIUM ON SPACE	Beijing Institute of Technology	China	05/10/2023	14:40-14:50	#39
Vladyslav	Proroka	77509	Possibilities for expanding the application areas of suborbital launch vehicles	D2. IAF SPACE TRANSPORTATION	Oles Honchar Dnipropetrovsk	Ukraine	05/10/2023	14:40-14:50	#36

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Grecia	Olano O'Brien	79125	Enabling Space Workforce Development Through Systems Thinking	E1. IAF SPACE EDUCATION AND	Concordia University	Canada	05/10/2023	14:40-14:50	#47
Leticia	Morosino	80428	the institucional environment of the alcantara launch center	E3. 36th IAA SYMPOSIUM ON SPACE	Brazilian Space Agency (AEB)	Brazil	05/10/2023	14:40-14:50	#24
Muhamma	Khan	80224	The Need of Curriculum Design for School & College:  An Emerging Need for Space Popularization from Grassroots Level	E1. IAF SPACE EDUCATION AND	Institute of Space Technology (IST)	Pakistan	05/10/2023	14:40-14:50	#34
Oleg	Aleksandrov	76107	421-DAY PILOTED EXPEDITION TWO TRAVELERS TO MARS AND BACK.	E6. IAF BUSINESSES AND INNOVATION	Private individual www.oleg.space	United States	05/10/2023	14:40-14:50	#21
Vali	Huseynov	80753	Cosmic relic antineutrinos as unique tool for determination of magnitude of internal electric field intensity vector of single crystal	A7. IAF SYMPOSIUM ON ONGOING AND NEAR	Shamakhy Astrophysical	Azerbaijan	05/10/2023	14:40-14:50	#10
MaÅkalis	LEFEBVRE	78889	Incongruent body movement affects teleoperation performance	A1. IAF/IAA SPACE LIFE SCIENCES SYMPOSIUM	[unlisted]	France	05/10/2023	14:40-14:50	#8
Vugar	Mammadov Sanchez	76147	Artemis Accords, and analysis of the development of Transparency and Confidence-Building Measures (TCBMs) for involvement of small and medium space agencies.	E7. IISL COLLOQUIUM ON THE LAW OF OUTER	Azercosmos, Space Agency of Republic of	Azerbaijan	05/10/2023	14:40-14:50	#9
Abigail	Gonzalez	80704	Titania, Luna of Uranus: A Proposal for Detecting a Potential Surface Ocean	A3. IAF SPACE EXPLORATION	IPN	Mexico	05/10/2023	14:40-14:50	#5
Rogelio	Morales	75547	ABAE Space Hub: A Space Startup Incubator	E6. IAF BUSINESSES AND INNOVATION	Bolivarian Agency for Space Activities (ABAE)	Venezuela	05/10/2023	14:40-14:50	#1
Paula	Gutierrez	80741	Innovative control and navigation system using block mass movement for a Foldable Deployable Aeroshell	A5. 26th IAA SYMPOSIUM ON	Imperial College London	United Kingdom	05/10/2023	14:40-14:50	#26
Klaus	Merz	77054	The IOAG Working Group on Sustainability of Operations in Space (SOS WG): Findings and Recommendations in the domains of space debris, collision avoidance and end-of-life activities	A6. 21st IAA SYMPOSIUM ON SPACE	European Space Agency (ESA/ESOC)	Germany	05/10/2023	14:40-14:50	#12
Matthias	Frenzl	80744	The Tumbleweed r-selected Mars Rover Swarm tasked with deploying measurement stations at scale	A3. IAF SPACE EXPLORATION	Space Forward Lab	Austria	05/10/2023	14:40-14:50	#42
Emiliano	Cordelli	78859	Technologies paving the way toward space debris observation network in support of space traffic management	A6. 21st IAA SYMPOSIUM ON SPACE	GMV, Space Debris Office (SDO), ESA/ESOC	Germany	05/10/2023	14:40-14:50	#23
Andrey	Belyaev	77475	mission to the trans-neptunian object sedna: a possible next step of humanity towards stars	C1. IAF ASTRODYNAMICS	Bauman Moscow State Technical University	Russian Federation	05/10/2023	14:40-14:50	#48
Lutz	Kolemann	80761	Electromagnetic Fields to Regulate Material Defects, Batteries, and Properties	C2. IAF MATERIALS AND STRUCTURES	Mars University	United States	05/10/2023	10:20-10:30	#31