

Category	First	Last	Country	Presentation Title	Sp	Symposium Name	IP Code
Category A Science and Exploration	Philippe	Hazane	France	SIMULATE MICROGRAVITY ON THE GROUND TO PREPARE MANNED SPACEFLIGHT	A1	SPACE LIFE SCIENCES SYMPOSIUM	IAC-17,A1,IP,15,x41826
	Roxanne	Fournier	Canada	3D droplet scaffolding for osteocyte mechanical unloading in a rotating wall vessel	A1	SPACE LIFE SCIENCES SYMPOSIUM	IAC-17,A1,IP,33,x38489
	Monika Johanna	Pardo Spiess	Germany	C.R.O.P.® Demonstrator for Human Space Exploration: Experiment Analysis and System Model Development	A1	SPACE LIFE SCIENCES SYMPOSIUM	IAC-17,A1,IP,34,x36704
	Mariam	AlShamsi	United Arab Emirates	Emirates Mars Mission 2020: Science Targets and Observations	A3	SPACE EXPLORATION SYMPOSIUM	IAC-17,A3,IP,11,x38844
	Alice	Gorman	Australia	Lunar mining and cultural heritage management: what are the issues?	A3	SPACE EXPLORATION SYMPOSIUM	IAC-17,A3,IP,34,x40664
	Joan Pau	Sanchez Cuartielles	United Kingdom	A Castaway Space-telescope: Opportunities for Asteroid Belt Fly-by Tours for Medium and Discovery Class Missions	A3	SPACE EXPLORATION SYMPOSIUM	IAC-17,A3,IP,53,x39586
	Martina	Mammarella	Italy	Missions, Architectures and Technologies for a Lunar Space Tug in support of Cislunar Infrastructures	A5	20th IAA SYMPOSIUM ON HUMAN EXPLORATION OF THE SOLAR SYSTEM	IAC-17,A5,IP,4,x38148
	Joao	Lousada	Germany	Approaches and Solutions for Martian Spacesuit Design	A5	20th IAA SYMPOSIUM ON HUMAN EXPLORATION OF THE SOLAR SYSTEM	IAC-17,A5,IP,8,x40204
	Melissa	Mirino	Italy	Geological methodology for the Extravehicular Activity in Astronaut Analogue Simulations	A5	20th IAA SYMPOSIUM ON HUMAN EXPLORATION OF THE SOLAR SYSTEM	IAC-17,A5,IP,16,x37538
	Yuki	Itaya	Japan	A Search Strategy Applicable for Breakup Fragments in Highly Elliptical Orbit	A6	15th IAA SYMPOSIUM ON SPACE DEBRIS	IAC-17,A6,IP,28,x40784
	Daniel	Kucharski	Australia	Attitude dependent perturbations of space debris orbital dynamics during solar activity extremes	A6	15th IAA SYMPOSIUM ON SPACE DEBRIS	IAC-17,A6,IP,30,x37500
	Masumi	Higashide	Japan	Initial Study on Non-Catastrophic Damage Risk for All-Electric Satellite Transferring to GEO	A6	15th IAA SYMPOSIUM ON SPACE DEBRIS	IAC-17,A6,IP,32,x37614
	Lucia Aurelia	Popa	Romania	The Fifth Force: from Planck to Euclid	A7	SYMPOSIUM ON FUTURE SPACE ASTRONOMY AND SOLAR-SYSTEM	IAC-17,A7,IP,6,x38249
	Shabarinath	Nair	India	Application of machine learning in high-contrast imaging of exoplanets & Modelling the atmospheric escape phenomenon	A7	SYMPOSIUM ON FUTURE SPACE ASTRONOMY AND SOLAR-SYSTEM	IAC-17,A7,IP,7,x38213
	David	Woerner	United States	More Efficient, More Powerful RTGs for Planetary Science Missions	A7	SYMPOSIUM ON FUTURE SPACE ASTRONOMY AND SOLAR-SYSTEM	IAC-17,A7,IP,8,x36658

Category B Applications and Operations	Md Yusoff	Siti Harwani	Malaysia	FEASIBILITY STUDY ON EARTHQUAKE MONITORING AND PRECURSOR RESEARCH IN SOUTH-EAST ASIA USING SPACE TECHNOLOGY	B1	EARTH OBSERVATION SYMPOSIUM	IAC-17,B1,IP,26,x40436
	Andrew J.	Steen	United States	Investigation of Satellite Constellation Configuration for Earth Observation Using Sierra Nevada Dream Chaser® Spacecraft Following Launch to ISS	B1	EARTH OBSERVATION SYMPOSIUM	IAC-17,B1,IP,28,x40134
	arnaud	varinois	France	MicroCarb: Atmospheric CO2 monitoring from micro-satellite	B1	EARTH OBSERVATION SYMPOSIUM	IAC-17,B1,IP,33,x41858
	Sangman	Moon	Korea, Republic of	Deep Space Probe High Gain Antenna Field Of View Analysis Using 3D EM Simulation For Robust Design	B2	SPACE COMMUNICATIONS AND NAVIGATION SYMPOSIUM	IAC-17,B2,IP,1,x40084
	Milen	Tahtadjiev	Germany	Operations Concept for TC & TM Applied to Rovers on the Moon	B2	SPACE COMMUNICATIONS AND NAVIGATION SYMPOSIUM	IAC-17,B2,IP,3,x37824
	Guangming	LIU	China	Application of Multipath Hemispherical Model in Multipath Error Reduction Method of Beidou Monitoring Receiver	B2	SPACE COMMUNICATIONS AND NAVIGATION SYMPOSIUM	IAC-17,B2,IP,19,x36579
	Anna	Wojdecka	United Kingdom	A New Vision: Re-purposing the ISS to further humanity's progress in space beyond 2024	B3	HUMAN SPACEFLIGHT SYMPOSIUM	IAC-17,B3,IP,3,x37050
	Stephan Siegfried	Jahnke	Germany	Recent developments on DLR's Post-ISS concept	B3	HUMAN SPACEFLIGHT SYMPOSIUM	IAC-17,B3,IP,6,x38922
	Efstratia	Salteri	Germany	Planning and Scheduling for the Poland Mars Analogue Simulation- PMAS 2017	B3	HUMAN SPACEFLIGHT SYMPOSIUM	IAC-17,B3,IP,12,x41143
	Robert	Hogan	United States	SpaceCRAFT: A Virtual Reality Sandbox Environment	B6	SPACE OPERATIONS SYMPOSIUM	IAC-17,B6,IP,3,x40795
	A. Hadi	Syafrudin	Indonesia	Mapping Strategy for Large Area Using Optical Payload On Micro-satellite	B6	SPACE OPERATIONS SYMPOSIUM	IAC-17,B6,IP,4,x40343
	Lincheng	Li	China	Autonomous Station-keeping Strategy for Geostationary Satellite with Electric Propulsion System	B6	SPACE OPERATIONS SYMPOSIUM	IAC-17,B6,IP,9,x38991

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Category C Technology	Yuki	Akiyama	Japan	Quaternion based Attitude Stabilization in the Circular Restricted Three-Body Problem	C1	ASTRODYNAMICS SYMPOSIUM	IAC-17,C1,IP,7,x37348
	Antonino	Campolo	Italy	safety analysis for near rectilinear orbit close approach rendezvous in the circular restricted three-body problem	C1	ASTRODYNAMICS SYMPOSIUM	IAC-17,C1,IP,20,x37564
	Bernd	Dachwald	Germany	Model and trajectory optimization for an ideal laser-enhanced solar sail	C1	ASTRODYNAMICS SYMPOSIUM	IAC-17,C1,IP,29,x41302
	Deepak	Atyam	United States	Characterization of Direct Metal Laser Sintered Impinging Injectors: Like-Doublet, Unlike Triplet, Like Quadlet, Unlike Pentad	C2	MATERIALS AND STRUCTURES SYMPOSIUM	IAC-17,C2,IP,15,x40730
	Dennis	Daub	Germany	Experimental Studies on Supersonic Aerothermal Fluid-Structure Interaction	C2	MATERIALS AND STRUCTURES SYMPOSIUM	IAC-17,C2,IP,28,x39588
	Ji	Bin	China	The prospect of additive manufacturing in primary structure of launch vehicle	C2	MATERIALS AND STRUCTURES SYMPOSIUM	IAC-17,C2,IP,32,x38937
	Alexander	Walts	United States	Utilization of Space Solar Power for the Moon	C3	SPACE POWER SYMPOSIUM	IAC-17,C3,IP,1,x39236
	Zeyu	Zhang	United States	Comparative Study of Power Generation Methods for Mars Mission: Potential of Space Solar Power (SSP) System	C3	SPACE POWER SYMPOSIUM	IAC-17,C3,IP,2,x38196
	Adesh	Jagtap	India	Design and implementation of a resilient load protection system of a nano satellite	C3	SPACE POWER SYMPOSIUM	IAC-17,C3,IP,7,x39107
	Amenosis	Lopez	Germany	Spacecraft-plasma interactions of a cubesat equipped with miniaturized feep thrusters	C4	SPACE PROPULSION SYMPOSIUM	IAC-17,C4,IP,1,x40022
	Nicholas	Mason-Smith	Australia	An additively-manufactured CNG/GOX aerospike rocket engine: Test results, performance and analysis	C4	SPACE PROPULSION SYMPOSIUM	IAC-17,C4,IP,19,x38239
	Yongtae	Yun	Korea, Republic of	Development of 2,500 N class hydrogen peroxide/polyethylene hybrid rocket for lab-scale sounding rocket application	C4	SPACE PROPULSION SYMPOSIUM	IAC-17,C4,IP,32,x41112

Category D Infrastructure	Kai	Höfner	Germany	satellite architecture optimization via adapted reliability analyses from commercial aviation	D1	SPACE SYSTEMS SYMPOSIUM	IAC-17,D1,IP,6,x38714
	Wei	Xu	China	Application of model based systems engineering in virtual tests of the spacecraft	D1	SPACE SYSTEMS SYMPOSIUM	IAC-17,D1,IP,11,x40494
	Giuseppe	Cataldo	United States	Model-based thermal design under uncertainty for the James Webb Space Telescope	D1	SPACE SYSTEMS SYMPOSIUM	IAC-17,D1,IP,21,x41390
	Shigeru	Aso	Japan	Flight Trajectory Analysis on Advanced Morphing Space Transportation System for Wider Cross Range and Down Range with Trimmed Flight	D2	SPACE TRANSPORTATION SOLUTIONS AND INNOVATIONS SYMPOSIUM	IAC-17,D2,IP,12,x41611
	Manfred	Ehresmann	Germany	Massdriver Capabilities of the Bodies of the Solarsystem	D2	SPACE TRANSPORTATION SOLUTIONS AND INNOVATIONS SYMPOSIUM	IAC-17,D2,IP,13,x39676
	Kayleigh	Gordon	United States	Technical Capabilities of Chinese Launch Vehicles	D2	SPACE TRANSPORTATION SOLUTIONS AND INNOVATIONS SYMPOSIUM	IAC-17,D2,IP,17,x40138
	Marcia	Fiamengo	United States	Foundation Strengthening of Third Generation Modular Space Exploration Through Integrated Public Engagement	D3	15th IAA SYMPOSIUM ON BUILDING BLOCKS FOR FUTURE SPACE	IAC-17,D3,IP,1,x41377

Category E Space and Society	Benjamin	Bonsu	Japan	First educational satellite to enhance sustainable space program in ghana	E1	SPACE EDUCATION AND OUTREACH SYMPOSIUM	IAC-17,E1,IP,21,x36569
	Isabelle	Kingsley	Australia	A new instrument to assess scientific literacy for space outreach	E1	SPACE EDUCATION AND OUTREACH SYMPOSIUM	IAC-17,E1,IP,29,x40260
	Emily	Bathgate	Australia	Stratospheric balloon constellations for educational purposes: benefits and challenges	E1	SPACE EDUCATION AND OUTREACH SYMPOSIUM	IAC-17,E1,IP,30,x40372
	Yongliang	Yan	China	the incorporation of the regime of long-term sustainability of outer space activities into the asia-pacific space cooperation regime: necessity and possibility	E3	30th IAA SYMPOSIUM ON SPACE POLICY, REGULATIONS AND	IAC-17,E3,IP,9,x39071
	Ludwig	Pasenau	France	"Swimming The Rings Of A Gas Hypergiant" – Transmedia project for astronauts	E5	28th IAA SYMPOSIUM ON SPACE AND SOCIETY	IAC-17,E5,IP,3,x37813
	Craig	McCormack	Australia	The requirement for microgravity specific footwear and its impact on space architecture.	E5	28th IAA SYMPOSIUM ON SPACE AND SOCIETY	IAC-17,E5,IP,9,x37676
	Stefano	Ferretti	Austria	Exploring Governance Frameworks for an Earthquake Early-Warning Future Space-Based System	E5	28th IAA SYMPOSIUM ON SPACE AND SOCIETY	IAC-17,E5,IP,11,x41483
	Daniel	Sagath	The Netherlands	Europe as a Leader in the New Space Age – Germany's pivotal role in transforming Space	E6	BUSINESS INNOVATION SYMPOSIUM	IAC-17,E6,IP,5,x39783
	Zhijie	Chen	China	Application of Intellectual Property Rights to Outer Space Activities: An Adaptive Regulatory Approach in the Context of Space Commercialization	E7	60th IISL COLLOQUIUM ON THE LAW OF OUTER SPACE	IAC-17,E7,IP,2,x39740