Preliminary program

Presentation slot	Name	Affiliation	Title
Keynote-1(Session-1)	ROGER HUNTER	NASA	OVERVIEW OF THE NASA SMALL SPACECRAFT & DISTRIBUTED SYSTEMS PROGRAM
Session 1-1	Nori Ait-Mohammed	ESA	ESA IOD CubeSat Missions: Status and Future Potential.
Session 1-2	Jaime Solano	DHV Technology	Lean Manufacturing of Solar Arrays for Constellation Programs: A Practical Success Case in Industrialization of Power Subsystems
Session 1-3	Michael Pham	Open Source Space Foundation | Cal Poly Pomona	Parallelized LeanSat Development via the Open Source Community | A PROVES Project Update
Session 1-4	Jyh-Ching Juang	National Cheng Kung University	A Lean and Intelligent Optical Remote Sensing Payload
Session 1-5	Juan Jose Rojas Hernandez	Tecnologico de Costa Rica	A Model-Based Systems Engineering Approach to the Design of an Electrical Power System for a Lean Satellite
Session 1-6	David Criado	Radian Systems	Radian: Cloud-Based Thermal Tools for Rapid Satellite Design
Session 1-7	Alejandro Sela	JAOPS	Fast Deployment of Mission Control Software: Lessons from the Yaoki Lunar Mission
Session 1-8	Maximilien Berthet	University of Tokyo	Characterisation and flight operations of passive magnetic attitude control system of MO-1 CubeSat
Keynote-2(Session-2)	Sibyl-Anna De Curson	ESA	ESA’s Zero Debris approach: Addressing Challenges and Crafting Opportunities for Small Satellite Missions
Session 2a-1	Paolo Marzioli	Sapienza University of Rome	Internet-of-Things, Space Traffic Management and Earth Observation tasks on-board a 1U CubeSat: Final Results from the WildTrackCube-SIMBA mission
Session 2a-2	Kuang-Han Ke	Gran Systems Co.、 Ltd.	Space Sustainability Solution Scale-Up Implementation
Session 2a-3	David Chew Vee Kuan	Orbitorus	Detecting Anomalous Satellites in Constellations Using Sigma-Based Statistics and Moran’s I Spatial Analysis
Session 2a-4	Luis Cormier	University of Nottingham	Orbital Control of Small Satellites via Sail Technologies
Session 2a-5	MARIKO TERAMOTO	Kyushu Institute of Technology	Overview of Undergraduate Participation in the CUKET Lean Satellite and Rocket Projects
Session 2a-6	Tuomas Tikka	Kuva Space	Near real-time insights generation with scaling Hyperfield constellation and automated AI-based analytics
Session 2a-7	Joseph Casas	NASA	From Lean Concepts to Lean Constellations: Applying Agile、 Distributed、 and Edge-Enabled Architectures for Rapid Space Value Delivery
Session 2b-1	Engr. Femi ISHOLA	Phemotron Systems	Africa’s Orbital Ascent: Emerging Trends & Opportunities
Session 2b-2	SHOSAKU KASHIWADA	Kami Shoji Co.、 Ltd.	Amorcell*: a 100% cellulose structural material for carbon-neutral and space applications
Session 2b-3	Dohyeon Park	Yonsei University	Development、 Verification、 and On-Orbit Operations of the COSMIC 3U CubeSat
Session 2b-4	Marco Schmidt	University of Wuerzburg	In-Orbit Processing of Optical Data on Small Satellites
Session 2b-5	Antonio Vazquez Garcia	Alen Space	SDR-Based added value solutions, including: LEO-PNT, Interference Detection and Spectrum Awareness from Lean Small Satellites: In-Orbit Results and Technology Roadmap
Session 2b-6	Fernando Aguado Agelet	University of Vigo	Design and Implementation of a Low-Cost、 Portable Optical Ground Station for LEO Sat、
Session 2b-7	Niklas Ulfvarson	Unibap Space Solutions AB	Edge computers for OE missions
Keynote-3(Session-3)	Matteo Bartolini	D-Orbit	Orbital Launch and Access to Space Supporting Scientific and Technological Advancement
Keynote-4(Session-3)	F. Brent Abbott	Rogue Space Systems	History of Lean Satellite Hosting through three companies and missions
Session 3-1	Daniel Rockberger	Modulus Space Insights	Hosted Payload as Lean approach to Payload Proof of Concept
Session 3-2	Yoshikazu Mukaeda	ArkEdge Space Inc.	Development of a Flexible Satellite Bus Architecture with an Expanded Envelope for Hosted Payloads
Session 3-3	Nishanth Pushparaj	University of Nottingham	Mission and Systems Design of Orbital Docking and Integration Nexus (ODIN)
Session 3-4	Cesar Bernal	LauncherScanner	LauncherScanner: Your Place Toward Space
Keynote-5(Session-4)	Bruce Yost	NASA S3VI	NASA's Small Spacecraft Systems Virtual Institute - An Update
Session 4-1	Andrew Greenberg	Portland State University	The OreSat Project: a Decade of Technological and Programmatic Evolution
Session 4-2	NECMI CIHAN ORGER	Kyushu Institute of Technology	Overview of the LEOPARD Satellite and Lessons Learned from Flight Model Integration and Testing
Session 4-3	Ines Khouider and Michael Starch	Open Source Space Foundation	Five Satellites、 Five Months: How PROVES Delivered Rapid、 Reliable、 and Open Software
Session 4-4	MENGU CHO	Kyushu Institute of Technology/ Chiba Institute of Technology	Mission classification toward lean satellite mission assurance
Session-5-1	Luca Fortebraccio	Kyushu Institute of Technology	Automated Visual Inspection for Vibrational Testing of Space Systems
Session-5-2	Nova Maras Nurul Khamsah	Kyushu Institute of Technology	A Lightweight PIC-Raspberry Pi Payload Control Architecture for Camera Missions in CubeSats
Session-5-3	Sirash Sayanju	Kyushu Institute of Technology	Leveraging Direwolf in Orbit: The CABUREI-4S Open-Source APRS System for the Kumo 3U CubeSat
Session-5-4	Lester Solaina	Nagoya University	Structural Analysis of 3U CubeSat with a Magnet-based Intersatellite Separation Mechanism
Session-5-5	Chisato Arakawa	Kyushu Institute of Technology	Thermal Design and On-Orbit Temperature Evaluation of the 3U CubeSat BIRDS-RPM “KUMO”
Session-5-6	SungHo Lee	Yonsei University	Lessons from Student CanSat Missions as a Testbed for a Unified COTS Avionics Bus toward Lean Satellite Development
Session-5-7	Franklin Josue Ticona Coaquira	Kyushu Institute of Technology	Modern Guidance and Control for nanosatellites via On-board Convex Optimization and Artificial Intelligence.
Session-5-8	Yukihisa Otani	Kyushu Institute of Technology	Development of an Educational CubeSat Training Kit for High School Students
Session-5-9	Daisuke Nakayama	Kyushu Institute of Technology	A CubeSat Rail Integrated Slot Antenna for S-band communication
Session-5-10	Galindo Rosales Reynel Josue	Kyushu Institute of Technology/ Universidad Nacional Autonoma de Honduras	Project Morazan: A Regional Space Initiative Integrating a 1U CubeSat and Monitoring System for Hydrometeorological Hazard Mitigation

Session-5-11	HUSSEINAT ETTI-BALOGUN	Kyushu Institute of Technology	A Lightweight Fault-Injection Framework for Generating Satellite Firmware Reliability Datasets Using FreeRTOS on the RP2040
Session-5-12	Eyoas Areda	Kyushu Institute of Technology	Development、 Integration、 and Mechanical Verification of a Modular eOBC Using a 120-Pin Card-Edge Interface
Session-5-13	Sol Maria Chamorro Armoa	Kyushu Institute of Technology	Electrical Power System Design、 Integration and Verification for BIRDS-RPM: KUMO 3U CubeSat Satellite Project
Session-5-14	Kenoi Salvador	Hawaii Space Flight Laboratory	Callisto-Sat: Optimizing Satellite Development Time
Session-5-15	Husseinat Etti-Balogun	Kyushu Institute of Technology	Implementation of Telemetry Parsing and Visualisation for BIRDS-RPM CubeSat
Session-5-16	Karen Wendy Vidaurre Torrez	Kyushu Institute of Technology	Development of a Next-Generation Hybrid On-board Computer for the BIRDS BUS platform
Session-5-17	Malek Sghaier	Kyushu Institute of Technology	Design、 Implementation and performance analysis of a Pyramid-Configured ADCS for Small Satellites
Session-5-18	Dae-Eun Kang	Yonsei University	Development and Operation of MIMAN CubeSat: Results and Lessons Learned
Session-5-19	Ho、 Chang-Lun	kyushu Institute of Technology	Toward a Compact and Robust CNN-Based Star Tracker: A Fast-Prototyping Approach Using FPGA Edge-AI Acceleration
Session-5-20	Laetitia	Politecnico di Torino	OBSERVING SYSTEM SIMULATION EXPERIMENTS RELATED TO THE NASA SURFACE TOPOGRAPHY AND VEGETATION DECADAL SURVEY INCUBATION STUDY FOCUSED ON SAR SATELLITE ACQUISITION PLANNING
Session-5-21	Yonghoon Chung	Yonsei University	Implementation and Verification of a COTS-based Satellite IoT End-Node using LoRa P2P Communication
Session-5-22	Joannarose Congzon	University of the Philippines-Diliman	Design and Development Updates on the MAYA-7 CubeSat Antenna Subsystem
Session-5-23	Ernesto Cortes	Kyushu Institute of Technology	ADCS Subsystem Design、 Integration、 and Testing for the BIRDS-RPM Satellite
Session-5-24	Ernesto Cortes	Kyushu Institute of Technology	System Architecture and Technology Demonstrations of the BIRDS-RPM 3U CubeSat Mission
Session-5-25	Kweon Hyeokjin	Yonsei University	Porting NASA cFS to RTEMS on Raspberry Pi 4B for a Low-Cost RTOS-Based FSW Testbed
Session-5-26	Mehmet Esit	Kyushu Institute of Technology	Design、 Development and Testing of the Attitude Determination and Control System for the 3U LEOPARD CubeSat
Session-5-27	Victor Hugo Schulz	Kyushu Institute of Technology	Preliminary Mission Design of TURAN-1 Earth Observation CubeSat
Session-5-28	Cheong Kwonwoo	Yonsei University	Development of a Ground-Based High-Precision Orbit Prediction Module for CubeSat Operations
Session-5-29	Jaeheon Cheong	Yonsei University	Bus Development and AIT of the 6U BEE-1000 CubeSat for Space-Based Protein CrystallizationBus Development and AIT of the 6U BEE-1000 CubeSat for Space-Based Protein Crystallization
Session-5-30	Jaein Lee	Yonsei University	Design and Implementation of a Lean Ground Station Architecture for CubeSat Mission Operations
Session-5-31	SANGHYUN OH	Yonsei University	Analysis of Thermal Performance of Surface Coatings for Passive Thermal Control of CubeSats
Session-5-32	Dooyoung Jeong	Yonsei University	Development and Environmental Verification of a Deployable Payload for CubeSats
Session-5-33	Fahd MOUMNI	Kyushu Institute of Technology	RPPL: A Newly Established Lean Satellite Development Hub Enabling Rapid Prototyping and Accessible Pathways to Space in Tokyo
Session-5-34	Kaito Hamada	Kyushu Institute of Technology	Hazard Control Using Shape Memory Alloy in the Safety Review
Session-5-35	Henrik H. Ovrebo	Norwegian University of Science and Technology (NTNU)	Additively manufactured、 bistable、 compliant hinge for in-space structure deployment