

#35 ISTS Tentative Programme

Title of session	Session名	Venue	Session Time		DATE	Presentati on format	No.	Title	Affiliations	presenter
			Start	end						
S－1		Tokiwa Hall 2F	09:00	10:40	17 Jul.		6052698	Ion Dynamics in the Porous Emitter Ion	Department of Mechanical Engineerin	Koki Takagi
S－1		Tokiwa Hall 2F	09:00	10:40	17 Jul.		6053019	Effect of Magnetic Field Topology on Hi	Department of Engineering, Shizuoka	Shohei Nishida
S－1		Tokiwa Hall 2F	09:00	10:40	17 Jul.		6052181	Ion Beam Characteristics of Ionic Liquid	Department of Mechanical Engineerin	Yuiko Nakashima
S－1		Tokiwa Hall 2F	09:00	10:40	17 Jul.		6052032	Effects of Laser Power and Mass Flow	Graduate School of Integrated Scien	Keisuke Sumi
S－1		Tokiwa Hall 2F	09:00	10:40	17 Jul.		6065656	Effect of Throat Configuration on Thrust Performance of Fiber-Laser-Susta		Tamaki Tsukadaira
S－2		Tokiwa Hall 2F	11:00	12:40	17 Jul.		6053581	Evaluation of AMU as an Ionic Liquid fo	The Graduate University for Advance	Yoshito Arakaki
S－2		Tokiwa Hall 2F	11:00	12:40	17 Jul.		6052231	Robust Attitude Control of Flexible Sat	National Defense Academy of Japan	Hironori Tawaraya
S－2		Tokiwa Hall 2F	11:00	12:40	17 Jul.		6053919	Resonant Flyby Trajectory Design using	Department of Aeronautics and Astr	Shota Ito
S－2		Tokiwa Hall 2F	11:00	12:40	17 Jul.		6053904	Estimation of Celestial Elliptical Shape f	the University of Tokyo	Sae Ogoshi
S－2		Tokiwa Hall 2F	11:00	12:40	17 Jul.		6051458	Long-term Observability of Solar Panel	Kochi University of Technology KUT	Koda Yamamoto
S－3		Tokiwa Hall 2F	14:00	15:40	17 Jul.		6052232	Aerodynamic Characterization and Mod	Department of aerospace engineering	Reo Iida
S－3		Tokiwa Hall 2F	14:00	15:40	17 Jul.		6052063	Improvement of Aerodynamic Performa	Shizuoka university	Taisei Kishimoto
S－3		Tokiwa Hall 2F	14:00	15:40	17 Jul.		6053425	The Evaluation of the Individual Differer	Department of Engineering, Space Sy	Rikuto Hojo

#35 ISTS Tentative Programme

Title of session	Session名	Venue	Session Time		DATE	Presentati on format	No.	Title	Affiliations	presenter
			Start	end						
S-3		Tokiwa Hall 2F	14:00	15:40	17 Jul.		6052426	Research on performance comparison a	Kyushu Institute of Technology	Miu Konaka
a-1	Hybrid Rocket 1	Meeting Room #5-2F	09:00	10:40	15 Jul.		6050183	Effect of Baffle Plate Clearance on the Rear-End Regression Rate of Hybrid Rocket Fuel	Hokkaido University	Takato Okumura
a-1	Hybrid Rocket 1	Meeting Room #5-2F	09:00	10:40	15 Jul.		6050818	Hot-Firing Test Results and Fuel Regression Rate Characteristics of Cylindrical Liquid-Encapsulated Fuel for Hybrid Rockets	Saitama Institute of Technology Gra	Junki Shimada
a-1	Hybrid Rocket 1	Meeting Room #5-2F	09:00	10:40	15 Jul.		6053730	Effect of Combustion Chamber Design on Performance of Magnesium-Loaded HTPB/N2O Hybrid Rocket for Spacecraft	Tokyo Metropolitan University	Tomoya Kanda
a-1	Hybrid Rocket 1	Meeting Room #5-2F	09:00	10:40	15 Jul.		6053779	A Study on Throttling and Reusable Capability of Hybr	Graduate school of Kurume Institute	Hibiki Takagi
a-2	Hybrid Rocket 2	Meeting Room #5-2F	11:00	12:40	15 Jul.		6070052	Enhancing Ignition and Combustion Stability in a Breadboard Model of a Water-Magnesium Wire Micropropulsion System	The University of Tokyo	Minwoo Han
a-2	Hybrid Rocket 2	Meeting Room #5-2F	11:00	12:40	15 Jul.		6051271	Development of an Ejector system for Micro-scale High Altitude Test Stand	Letara Ltd.	Yamato Itoigawa
a-2	Hybrid Rocket 2	Meeting Room #5-2F	11:00	12:40	15 Jul.		6053487	Numerical Modeling of High Swirl Hybrid Rocket Engines and Comparison with Experiments	Sapienza University of Rome	Alessio Sereno
a-2	Hybrid Rocket 2	Meeting Room #5-2F	11:00	12:40	15 Jul.		6065544	Design Method for Axial Injection End-Burning Hybrid Rocket and Performance Comparison with Variable Strength Oxidizer Flow Swirl Type	Tokyo Metropolitan University	Masahiro Kanazaki
a-3	Hybrid Rocket 3	Meeting Room #5-2F	14:00	15:40	15 Jul.		6053653	Numerical Analysis of Soot Radiation in Hybrid Rockets with Pyrolyzing Fuels	Sapienza University of Rome	Marco Fabiani
a-3	Hybrid Rocket 3	Meeting Room #5-2F	14:00	15:40	15 Jul.		6064848	Thrust Performance Analysis of a Micropropulsion System using Magnesium Wire and Water	Japan Aerospace Exploration Agenc	Mariko Akiyama
a-3	Hybrid Rocket 3	Meeting Room #5-2F	14:00	15:40	15 Jul.		6052552	Flame Temperature Measurement Method for Radiant Heat Analysis of Hybrid Rocket Exhaust Plumes in Small Spacecraft Propulsion Systems	Graduate School of Engineering, Hok	Mion Ichihara
a-3	Hybrid Rocket 3	Meeting Room #5-2F	14:00	15:40	15 Jul.		6050624	EKF-Estimation of Hybrid Rocket Combustion with Various Port Shapes	College of Science and Technology,	Toru Shimada

#35 ISTS Tentative Programme

Title of session	Session名	Venue	Session Time		DATE	Presentati on format	No.	Title	Affiliations	presenter
			Start	end						
a-4	Hybrid Rocket 4	Meeting Room #5-2F	16:00	17:40	15 Jul.		6065717	Feasibility Study of a Method for Maintaining Flame Position Using a Stable Equilibrium Point in a Water-Magnesium Hybrid Thruster	The University of Tokyo	Masaki Fujii
a-4	Hybrid Rocket 4	Meeting Room #5-2F	16:00	17:40	15 Jul.		6065655	Experimental research progress on LOX regenerative-cooling SOFT hybrid rocket engine using paraffine-based fuel	Tokyo Metropolitan University	Junya Maekawa
a-4	Hybrid Rocket 4	Meeting Room #5-2F	16:00	17:40	15 Jul.		6053830	A Study on Hybrid Rocket Engine with Multi-Section S	Kurume Institute of Technology	Shigeru Aso
a-4	Hybrid Rocket 4	Meeting Room #5-2F	16:00	17:40	15 Jul.		6065105	Experiment on Flow Patterns and Heat Transfer of Liquid Oxygen Flow in a Thin Tube under High Heat Flux Conditions	Kyushu Institute of Technology	Koki Kitagawa
a-5	Detonation Engine	Meeting Room #5-2F	09:00	10:40	16 Jul.		6052273	Radial Visualization of the Detonation Wave in a Small-Scale Hydrogen-Oxygen Rotating Detonation Combustor	German Aerospace Center (DLR), In	Wolfgang Ambruster
a-5	Detonation Engine	Meeting Room #5-2F	09:00	10:40	16 Jul.		6053885	Numerical Analysis of Heat Transfer in a Rotating Detonation Engine	Technische Universitat Dresden	Jannis Petersen
a-5	Detonation Engine	Meeting Room #5-2F	09:00	10:40	16 Jul.		6064883	Wall Heat Flux Measurement of Rotating Detonation Engine Using Fast Response Thermocouples	Department of Mechanical Engineeri	Yuzuki Matoba
a-5	Detonation Engine	Meeting Room #5-2F	09:00	10:40	16 Jul.		6065568	Heat Flux Measurements in a small-scale Oxygen-Hydrogen Rotating Detonation Rocket Combustor	Technische Universitat Dresden	Florian Ditsche
a-5	Detonation Engine	Meeting Room #5-2F	09:00	10:40	16 Jul.		6065531	System Study and Comparative Evaluation of Advanced Space Propulsion Applications Including Rotating Detonation Engines	JAXA	Keisuke Michigami
a-6	Solid Rocket	Meeting Room #5-2F	11:00	12:40	16 Jul.		6052758	Ignition Characteristics of Ammonium Dinitramide Based Energetic Ionic Liquids at High Temperatures	College of Industrial Technology, Nih	Naoya Segawa
a-6	Solid Rocket	Meeting Room #5-2F	11:00	12:40	16 Jul.		6052842	Combustion characteristics of solid propellants at low temperature conditions	College of Industrial Technology, Nih	Masahi Kurosu
a-6	Solid Rocket	Meeting Room #5-2F	11:00	12:40	16 Jul.		6053489	Burning Rate Reduction of Solid Propellants for Upper Stage Motor	Nihon University	Kotaro Matsumoto
a-6	Solid Rocket	Meeting Room #5-2F	11:00	12:40	16 Jul.		6053540	High Speed Imaging of Boron/Potassium Nitrate Based	Kansai University	Ryuga Itaki

#35 ISTS Tentative Programme

Title of session	Session名	Venue	Session Time		DATE	Presentati on format	No.	Title	Affiliations	presenter
			Start	end						
a-6	Solid Rocket	Meeting Room #5-2F	11:00	12:40	16 Jul.		6053665	A Solid Propellant Thruster using Laser Ignition and Pi	Tokyo Metropolitan University	Sosuke Yasui
a-7	Combustion 1	Meeting Room #5-2F	14:00	15:40	16 Jul.		6048739	Nonlinear mode decomposition of combustion instabilities in a sub- and supercritical LOX/LNG rocket combustor with large optical access	German Aerospace Center (DLR)	Jan Martin
a-7	Combustion 1	Meeting Room #5-2F	14:00	15:40	16 Jul.		6052412	Detection of thermoacoustic combustion instabilities from jet exhaust noise of a pre-cooled turbojet engine afterburner	Gunma University	Koichi Omi
a-7	Combustion 1	Meeting Room #5-2F	14:00	15:40	16 Jul.	取り消し	6052775	Component-Based Reduced-Order Modeling Framework for Rocket Propulsion Simulations	University of Kansas	Cheng Huang
a-7	Combustion 1	Meeting Room #5-2F	14:00	15:40	16 Jul.		6064853	Plasma-Assisted Flow Control for Improved Combustion Stability and Emission Reduction in Turbulent Aerospace Propulsion	Instituto Politecnico Nacional, ESIME	Jose Angel Contreras Ramos
a-7	Combustion 1	Meeting Room #5-2F	14:00	15:40	16 Jul.		6065823	Study on Mode of Heat Release in Flame-Surrounded Areas Enhancing Combustion Oscillations in Rocket Combustor	Nihon University, Graduate School of	Haruki Ito
a-8	Thruster Technology	Meeting Room #5-2F	16:00	17:40	16 Jul.		6045845	Development of 100mN-class Thruster for 1U Microsatellite-Friendly Multi-Purpose Propulsion System	National Institute of Technology, Oy	Toshiaki Iizuka
a-8	Thruster Technology	Meeting Room #5-2F	16:00	17:40	16 Jul.		6052161	Image processing techniques to characterise impingement and atomization of 3D printed like-on-like injectors for application to small liquid bipropellant RCS thrusters	Nagoya University	Arash Piran
a-8	Thruster Technology	Meeting Room #5-2F	16:00	17:40	16 Jul.		6063223	Development States of a 50N-Class Green Monopropellant Thruster	Technologies Development Group	Shinji Igarashi
a-8	Thruster Technology	Meeting Room #5-2F	16:00	17:40	16 Jul.		6065076	Application of Inkjet Technology in Aerospace Propulsion Systems	SEPI-ESIME Ticoman, Instituto Polite	Oliver Marcel Huerta Chavez
a-9	Supersonic Propulsion 1	Meeting Room #5-2F	9:00	10:40	17 Jul.		6053729	Research Plan and Current Progress Titled as Ground Test Validation of Engine Design method with Wide Operation Range	Japan Aerospace Exploration Agenc	Sadatake Tomioka
a-9	Supersonic Propulsion 1	Meeting Room #5-2F	9:00	10:40	17 Jul.		6030675	Jet Fuel Combustion in Scramjet Combustor Under Mach 3 Flight Conditions	Japan Aerospace Exploration Agenc	Kan Kobayashi
a-9	Supersonic Propulsion 1	Meeting Room #5-2F	9:00	10:40	17 Jul.		6053809	Development of a High-Precision Measurement Technique for Torch-Injected Gas Using TDLAS and BOS Methods	Osaka Metropolitan University	Shinichiro Ogawa

#35 ISTS Tentative Programme

Title of session	Session名	Venue	Session Time		DATE	Presentati on format	No.	Title	Affiliations	presenter
			Start	end						
a—9	Supersonic Propulsion 1	Meeting Room #5-2F	9:00	10:40	17 Jul.		6063880	Numerical simulation of instability in hydrocarbon fuel flow under supercritical conditions	Japan Aerospace Exploration Agency	Shun Takahashi
a—9	Supersonic Propulsion 1	Meeting Room #5-2F	9:00	10:40	17 Jul.		6003545	Stochastic Dynamics of the Afterburning in a Supersonic Fuel-Rich Rocket Plume	ONERA	Stephane Boulal
a—10	Supersonic Propulsion 2	Meeting Room #5-2F	11:00	12:40	17 Jul.		6044535	Study of Ejector Jet	Chubu university	Rion Ito
a—10	Supersonic Propulsion 2	Meeting Room #5-2F	11:00	12:40	17 Jul.		6051478	Numerical Investigation on Effect of Micro Vortex Generators in Mixed Compression Intake for HIMICO	Department of Applied Mechanics at	Tomofumi Narita
a—10	Supersonic Propulsion 2	Meeting Room #5-2F	11:00	12:40	17 Jul.		6052474	Design and verification of hypersonic inward-turning inlet	The Japan Society for Aeronautical	Shuhei Yamada
a—10	Supersonic Propulsion 2	Meeting Room #5-2F	11:00	12:40	17 Jul.		6064585	A Three-Dimensional Busemann Inlet Ingesting Bound	Japan Aerospace Exploration Agency	Yusuke Maru
a—10	Supersonic Propulsion 2	Meeting Room #5-2F	11:00	12:40	17 Jul.		6065512	Validation of combustion analysis of a simplified model	Kanazawa Institute of Technology	Kei Fukuzawa
a—11	Combustion 2	Meeting Room #5-2F	14:00	15:40	17 Jul.		6047573	Fundamental Combustion Research on Sustainable Rocket Propellant (SRP)	The University of Tokyo	Taisei Takaoka
a—11	Combustion 2	Meeting Room #5-2F	14:00	15:40	17 Jul.		6052701	Investigation of soot formation trends in the combustion of conventional and sustainable fuels	Nihon University	Rin Nakamura
a—11	Combustion 2	Meeting Room #5-2F	14:00	15:40	17 Jul.		6053482	Droplet Diameter Measurements during Atomization in Pintle Injectors and Its Effects on Combustion Performance	The University of Tokyo	Taikoh Sato
a—11	Combustion 2	Meeting Room #5-2F	14:00	15:40	17 Jul.		6065684	Performance Prediction of Liquid Rocket Engine Using Optical Patternator	JAXA	Kohji Tominaga
a—11	Combustion 2	Meeting Room #5-2F	14:00	15:40	17 Jul.		6065791	Numerically Efficient Real Fluid Flamelet-based Combustion and Heat Transfer Modeling Approach for Liquid Rocket Engine Thrust Chambers	ArianeGroup GmbH Technical Unive	Marvin Pommerening
a—12	Liquid Rocket	Meeting Room #5-2F	16:00	17:40	17 Jul.		6053386	Performance Impact of Stratified Supersonic Flow in Full Impulse Turbine with Partial Admission	German Aerospace Center	Robson Henrique dos Santos Hahn

#35 ISTS Tentative Programme

Title of session	Session名	Venue	Session Time		DATE	Presentati on format	No.	Title	Affiliations	presenter
			Start	end						
a-12	Liquid Rocket	Meeting Room #5-2F	16:00	17:40	17 Jul.		6053764	Investigation of Axial Stability in a Centrifugal Pump with an Unshrouded Impeller for Rocket Engines under Cavitating Conditions	Waseda University	Kento Sakai
a-12	Liquid Rocket	Meeting Room #5-2F	16:00	17:40	17 Jul.		6065548	LUMEN: Putting into Operation a Flexible Test Bed for Next-Generation Rocket Engine Technologies	DLR	Tobias Traudt
a-12	Liquid Rocket	Meeting Room #5-2F	16:00	17:40	17 Jul.		6051832	Research on the Effect of Flow Turbulence on Frosting Simulation Considering Mist Generation on a Cryogenic Surface	Waseda University	Hikaru Nishikawa
a-12	Liquid Rocket	Meeting Room #5-2F	16:00	17:40	17 Jul.		6116058	Development of turbopumps for LE-9, the first stage engine of H3 Launch Vehicle		
a-13	Next Generation System	Meeting Room #5-2F	9:00	10:40	18 Jul.		6053258	Conceptual study rocket engine using high-pressure hydrogen gas	Chubu university	Yuki Matsuda
a-13	Next Generation System	Meeting Room #5-2F	9:00	10:40	18 Jul.		6063633	Throttling Performance Analysis of a Full Flow Cycle through System Dynamic Simulation	Muroran Institute of Technology	Kaito KIMURA
a-13	Next Generation System	Meeting Room #5-2F	9:00	10:40	18 Jul.		6064502	Application of EcosimPro ESPSS for Propulsion System Preliminary Sizing Methodology	European Space Agency	Ludovica Formisani
a-13	Next Generation System	Meeting Room #5-2F	9:00	10:40	18 Jul.		6065744	Development of a Mobile Hot-Fire Test Bench at European Space Agency	European Space Agency	Juliusz Saryczew
a-13	Next Generation System	Meeting Room #5-2F	9:00	10:40	18 Jul.		6116624	DEVELOPMENT OF A 30KN CLASS LOX/METHANE UPPER STAGE ENGINE		
b-1	Gridded Ion thruster	Meeting Room #1-3F	09:00	10:40	15 Jul.		6053770	The Velocimetry of Xenon Ions near t	The Graduate University for Advan	Yasuaki Aiba
b-1	Gridded Ion thruster	Meeting Room #1-3F	09:00	10:40	15 Jul.		6053806	Thrust enhancement and experimental	Department of Aeronautics and As	Takuya Koiso
b-1	Gridded Ion thruster	Meeting Room #1-3F	09:00	10:40	15 Jul.		6065351	Development of Air Breathing Ion Eng	JAXA	Takato Morishita
b-1	Gridded Ion thruster	Meeting Room #1-3F	09:00	10:40	15 Jul.		6065648	Experimental Verification of Effect of	Chukyo University	Takanobu Muranaka

#35 ISTS Tentative Programme

Title of session	Session名	Venue	Session Time		DATE	Presentati on format	No.	Title	Affiliations	presenter
			Start	end						
b-2	Electrothermal thruster	Meeting Room #1-3F	11:00	12:40	15 Jul.	取り消し	6045309	Performance Characteristics and The	Osaka Sangyo University	Soma liboshi
b-2	Electrothermal thruster	Meeting Room #1-3F	11:00	12:40	15 Jul.	取り消し	6052246	Advancements in the Development of	University of Stuttgart, Institute of	Jonathan Skalden
b-2	Electrothermal thruster	Meeting Room #1-3F	11:00	12:40	15 Jul.		6052637	Optimization and testing of an additive	Nagoya University	Alexander Scott Hillstrom
b-2	Electrothermal thruster	Meeting Room #1-3F	11:00	12:40	15 Jul.		6053375	Development of Ignitor with Plasma In	Kyushu Institute of Technology	Kazuki Nishioka
b-2	Electrothermal thruster	Meeting Room #1-3F	11:00	12:40	15 Jul.		6053728	Experimental study of a Chemical-Ele	Tokyo Metropolitan University	Tomohiro Abe
b-3	Electrothermal thruster/PPT	Meeting Room #1-3F	14:00	15:40	15 Jul.		6045891	Development of Commercially-Availa	Osaka Sangyo University	Yoshihiro Takakuwa
b-3	Electrothermal thruster/PPT	Meeting Room #1-3F	14:00	15:40	15 Jul.		6045922	Development of Ablative Solid-Propel	Osaka Sangyo University	Ataru Sawabe
b-3	Electrothermal thruster/PPT	Meeting Room #1-3F	14:00	15:40	15 Jul.		6065587	Development and Experimental Evalu	Osaka Metropolitan University	Shoh Saitoh
b-3	Electrothermal thruster/PPT	Meeting Room #1-3F	14:00	15:40	15 Jul.		6053407	Multi-injection Type Pulsed Plasma T	Tokyo Metropolitan University	Akinori Hoshi
b-3	Electrothermal thruster/PPT	Meeting Room #1-3F	14:00	15:40	15 Jul.		6065765	Effect of Wiring Design Between Thru	The University of Yamanashi	Satoshi Nagashima
b-4	Advanced propulsion	Meeting Room #1-3F	16:00	17:40	15 Jul.		6064734	Nuclear Propulsion High Level Conce	ESA	Armin Herbertz
b-4	Advanced propulsion	Meeting Room #1-3F	16:00	17:40	15 Jul.		6055948	Magnetic reconnection as a mean for	University of Stuttgart	Giulia Becatti
b-4	Advanced propulsion	Meeting Room #1-3F	16:00	17:40	15 Jul.		6053832	Numerical Simulation on Thrust Perfo	Department of Aerospace Enginee	Sakira Uno

#35 ISTS Tentative Programme

Title of session	Session名	Venue	Session Time		DATE	Presentati on format	No.	Title	Affiliations	presenter
			Start	end						
b—4	Advanced propulsion	Meeting Room #1-3F	16:00	17:40	15 Jul.		6065206	Laser Thomson Scattering Measurem	Tottori University	Yoshiaki Tabuchi
b—5	Airbreazing (1)	Meeting Room #1-3F	09:00	10:40	16 Jul.	取り消し	6050213	Design and Preparation of an ABEP B	Institute of Space Systems (IRS),	Konstantinos Papavramidis
b—5	Airbreazing (1)	Meeting Room #1-3F	09:00	10:40	16 Jul.		6051992	Design and Performance Assessment	Ph.D. Student	Geonwoong Moon
b—5	Airbreazing (1)	Meeting Room #1-3F	09:00	10:40	16 Jul.	取り消し	6052244	Manufacturing Approaches for a Spec	University of Stuttgart, Institute of	Jonathan Skalden
b—5	Airbreazing (1)	Meeting Room #1-3F	09:00	10:40	16 Jul.		6065197	Direct Thrust Measurement on Air-bre	Osaka Metropolitan University	Kazuki Manabe
b—5	Airbreazing (1)	Meeting Room #1-3F	09:00	10:40	16 Jul.		6046001	Development of Air Breathing Electric	Osaka Sangyo University	Takayuki Kuri
b—6	Airbreazing (2)	Meeting Room #1-3F	11:00	12:40	16 Jul.		6051721	On-orbit Atmospheric Density Measur	Kobe University	Noriaki Mukai
b—6	Airbreazing (2)	Meeting Room #1-3F	11:00	12:40	16 Jul.		6051893	Compression Performance in Air Brea	Kobe University	Yuki Ikushima
b—6	Airbreazing (2)	Meeting Room #1-3F	11:00	12:40	16 Jul.		6052572	Experimental Evaluation of Anisotropi	Kobe University	Yuto Kigo
b—6	Airbreazing (2)	Meeting Room #1-3F	11:00	12:40	16 Jul.		6053465	Low-cost Fabrication Method of Surfa	Kobe University	Yuki Terazawa
b—6	Airbreazing (2)	Meeting Room #1-3F	11:00	12:40	16 Jul.		6053818	Optimization of the ABIE Intake Mode	Waseda University	Ryunosuke Endo
b—7	Hall thruster (1)	Meeting Room #1-3F	14:00	15:40	16 Jul.		6051949	The Effect of Magnetic Flux Density o	Tokyo Metropolitan University	Nanami Takiguchi
b—7	Hall thruster (1)	Meeting Room #1-3F	14:00	15:40	16 Jul.		6062211	The Influence of Hollow Anode Shape	Tokai University	Takumi Tsuji

#35 ISTS Tentative Programme

Title of session	Session名	Venue	Session Time		DATE	Presentati on format	No.	Title	Affiliations	presenter
			Start	end						
b－7	Hall thruster (1)	Meeting Room #1－3F	14:00	15:40	16 Jul.	取り消し	6062295	Hall Thruster Subsystem Development	JAXA	Ikkoh Funaki
b－7	Hall thruster (1)	Meeting Room #1－3F	14:00	15:40	16 Jul.		6064383	Characterization of a Low-power Wall	Tokai University	カホ スズキ
b－7	Hall thruster (1)	Meeting Room #1－3F	14:00	15:40	16 Jul.		6064739	Impact of Magnet Field Configuration	Tokai University	Shizuku Hiroe
b－8	Hall thruster (2)	Meeting Room #1－3F	16:00	17:40	16 Jul.		6045771	Development and Performance Enhanc	Osaka Sangyo University	Takayuki Ogawa
b－8	Hall thruster (2)	Meeting Room #1－3F	16:00	17:40	16 Jul.		6051903	Investigation of the Effect of Channel	Shizuoka University	Kento Takeuchi
b－8	Hall thruster (2)	Meeting Room #1－3F	16:00	17:40	16 Jul.		6051907	Investigation of Effects for Multi-Step	Shizuoka University	Haku Suzuki
b－8	Hall thruster (2)	Meeting Room #1－3F	16:00	17:40	16 Jul.		6052518	An argon Hall thruster using a hollow	University of Tokyo	Dibyesh Satpathy
b－8	Hall thruster (2)	Meeting Room #1－3F	16:00	17:40	16 Jul.		6064673	Study of Low-power Argon-fed Magn	Tokai University	Kenta Yanagihara
b－9	Hall thruster (3)	Meeting Room #1－3F	9:00	10:40	17 Jul.		6065184	Mission capability analysis of a miniat	The University of Tokyo	Kento Shirasu
b－9	Hall thruster (3)	Meeting Room #1－3F	9:00	10:40	17 Jul.		6065695	Magnetic Field Characteristics and Pl	Department of Electrical Engineering	Daisuke SUDO
b－9	Hall thruster (3)	Meeting Room #1－3F	9:00	10:40	17 Jul.		6065609	Two-dimensional Electron Transport	Department of Electrical Engineering	Akira FURUYA
b－9	Hall thruster (3)	Meeting Room #1－3F	9:00	10:40	17 Jul.		6053700	A Visualized Cylindrical Hall Thruster	National Defense Academy	Yoshinori Nakayama

#35 ISTS Tentative Programme

Title of session	Session名	Venue	Session Time		DATE	Presentati on format	No.	Title	Affiliations	presenter
			Start	end						
b－10	Hall thruster (4)	Meeting Room #1－3F	11:00	12:40	17 Jul.		6065805	Temporal-Spatial structure of plasma	Kyushu University	naoji yamamoto
b－10	Hall thruster (4)	Meeting Room #1－3F	11:00	12:40	17 Jul.		6052993	Neutral Gas Flow Dynamics in a Hall	The University of Tokyo	Jiwon Lee
b－10	Hall thruster (4)	Meeting Room #1－3F	11:00	12:40	17 Jul.		6053897	Investigation of Electron Drift Instabilit	Tohoku University	Maho Matsukura
b－10	Hall thruster (4)	Meeting Room #1－3F	11:00	12:40	17 Jul.		6065832	elucidation of neutralization mechanis	Kyushu University, Interdisciplinary	Yuya Ogata
b－10	Hall thruster (4)	Meeting Room #1－3F	11:00	12:40	17 Jul.		6064917	Particle Simulation of Miniature Anode	Ph.D candate	Yansheng Yang
b－11	RF/Helicon	Meeting Room #1－3F	14:00	15:40	17 Jul.		6065295	Study on Discharge Characteristics in	Ryukoku university	Kana Okugawa
b－11	RF/Helicon	Meeting Room #1－3F	14:00	15:40	17 Jul.		6065826	Dependence of plasma acceleration d	Kobe University	Takeru Furukawa
b－11	RF/Helicon	Meeting Room #1－3F	14:00	15:40	17 Jul.		6063856	Numerical Investigations on Plasma A	Yokohama National University	Yuto Kitauchi
b－11	RF/Helicon	Meeting Room #1－3F	14:00	15:40	17 Jul.		6051951	Development of a Multifluid-FDTD Mo	Tohoku University	Shlok Shrivastava
b－11	RF/Helicon	Meeting Room #1－3F	14:00	15:40	17 Jul.		6062859	Development and Implementation of I	Institute of Space Systems (IRS), I	Elizabeth Gutierrez
b－12	Electrostatic thruster	Meeting Room #1－3F	16:00	17:40	17 Jul.		6049714	Flow Rate Influence on Ion Beam Cha	Yokohama National University	Ayane Yasuno

#35 ISTS Tentative Programme

Title of session	Session名	Venue	Session Time		DATE	Presentati on format	No.	Title	Affiliations	presenter
			Start	end						
b－12	Electrostatic thruster	Meeting Room #1－3F	16:00	17:40	17 Jul.		6064167	Fabrication of Ultra-High-Density Emi	Yokohama National University	Shotaro Shimizu
b－12	Electrostatic thruster	Meeting Room #1－3F	16:00	17:40	17 Jul.		6052300	ECLIPSE thruster: development of a	FOTEC Forschungs- und Technol	Laura Bettiol
b－12	Electrostatic thruster	Meeting Room #1－3F	16:00	17:40	17 Jul.		6064985	Numerical Analysis of DBD-Based Ion	SEPI ESIME Ticoman, Instituto Po	Raul Alberto Bernal-Orozco
b－12	Electrostatic thruster	Meeting Room #1－3F	16:00	17:40	17 Jul.		6065163	A Study of Electrostatic Thrust Gener	Sersunan University	Takaki Ikeda
b－13	Electromagnetic thruster	Meeting Room #1－3F	9:00	10:40	18 Jul.		6045790	Performance Characteristics and The	Osaka Sangyo University	Yuta Nanri
b－13	Electromagnetic thruster	Meeting Room #1－3F	9:00	10:40	18 Jul.		6053471	Construction of experimental Facility f	Graduate School of Engineering, T	Terumasa Kikuchi
b－13	Electromagnetic thruster	Meeting Room #1－3F	9:00	10:40	18 Jul.		6060689	Thruster and testing facility design de	Institute of Space Systems, Univer	David Wanke
b－13	Electromagnetic thruster	Meeting Room #1－3F	9:00	10:40	18 Jul.		6064231	Research on the micro MPD thruster	Kanazawa Institute of technology	Hiroshi Itakura
b－13	Electromagnetic thruster	Meeting Room #1－3F	9:00	10:40	18 Jul.		6052749	Sensitivity of Ion Flow Velocity and Io	The University of Tokyo	Senior Shimhanda
b－14	Cathode/Facility	Meeting Room #1－3F	11:00	12:40	18 Jul.		6064376	Characterization of LaB6 hollow catho	Ryukoku University	Yuya Oshio
b－14	Cathode/Facility	Meeting Room #1－3F	11:00	12:40	18 Jul.	取り消し	6052298	Development of a Neutralizer for Micr	FOTEC Forschungs- und Technol	Bernhard Seifert
b－14	Cathode/Facility	Meeting Room #1－3F	11:00	12:40	18 Jul.		6051571	Numerical Analysis of Rarefied Prope	Tokyo Metropolitan University	Keita Nishii

#35 ISTS Tentative Programme

Title of session	Session名	Venue	Session Time		DATE	Presentati on format	No.	Title	Affiliations	presenter
			Start	end						
b-14	Cathode/Facility	Meeting Room #1-3F	11:00	12:40	18 Jul.		6064300	Measurement Evaluation of Circumfe	National Defense Academy	Tsubasa Ito
b-14	Cathode/Facility	Meeting Room #1-3F	11:00	12:40	18 Jul.		6060855	Effect of Residual Air on Sputtering R	Tokyo Metropolitan College of Indu	Masakatsu Nakano
c-1	Membrane Structures	S1 Room	09:00	10:40	16 Jul.		6049366	Pseud-Stereo Vision Suitable for Membrane Shape Estimation	JAXA	Tetsuya Kusumoto
c-1	Membrane Structures	S1 Room	09:00	10:40	16 Jul.		6049616	Low-Cost Computation Method of Wrinkle Amplitude using Tension Field Theory for Square Tensioned membranes	Aerospace and Marine Department, Graduate School of Engineering	Naohiro Tojima
c-1	Membrane Structures	S1 Room	09:00	10:40	16 Jul.		6054846	Finite Element Analysis for Clarifying the Wrinkle Characteristics of Boom-Supported Polygonal Membranes	Aoyama Gakuin Univercity	Ryuki Shimizu
c-1	Membrane Structures	S1 Room	09:00	10:40	16 Jul.		6065324	Proposal and experimental verification of numerical modeling of deformation of membrane structure with shape memory polymer	Institute of Science Tokyo	Moe Yasuda
c-1	Membrane Structures	S1 Room	9:00	10:40	16 Jul.		6065580	Accuracy Compensation of Surface Shape of Membrane Structure	SOKENDAI	Hironobu Sugano
c-2	Space Structures	S1 Room	11:00	12:40	16 Jul.		6049386	Performance Evaluation of a Pointing Control System Using a Statically Indeterminate Structure with Thermal Expansion Actuators	Waseda University	Nobuatsu Aoki
c-2	Space Structures	S1 Room	11:00	12:40	16 Jul.		6051131	Estimation of Thermal Properties to Improve Responsiveness in Pointing Control Using Thermal Expansion Actuators	Waseda Univercity	Takeru Kon
c-2	Space Structures	S1 Room	11:00	12:40	16 Jul.		6051310	Structural Optimization of Cylindrical Composite Shells for Space Launch Vehicles	University of Tokyo	Kakeru Miyoshi
c-2	Space Structures	S1 Room	11:00	12:40	16 Jul.		6051699	A Time- and Temperature-Dependent Viscoelastic Analysis on CFRP Bistable Boom for Space Applications	School of Engineering, the University of Tokyo	Yuta Sunaga
c-2	Space Structures	S1 Room	11:00	12:40	16 Jul.		6051710	Experimental Evaluation of Structural Characteristics of Beams Consisting of Lattice Structures with Slits for High Accuracy Deployable Structures	National Defense Academy of Japan	Hiroaki Tanaka

#35 ISTS Tentative Programme

Title of session	Session名	Venue	Session Time		DATE	Presentati on format	No.	Title	Affiliations	presenter
			Start	end						
c—3	Materials and Design	S1 Room	14:00	15:40	16 Jul.		6048776	Design of 3D-Printed Isolators for Multi-Degrees of Freedom Mechanical Vibration —Towards a Thermal and Vibration Isolation Mechanism with	Waseda University	Takafumi Suda
c—3	Materials and Design	S1 Room	14:00	15:40	16 Jul.		6052954	The Effects of Process Parameters on the Microstructure and Mechanical Properties of Additively Manufactured Ti-6Al-4V under Selective Laser	The University of Tokyo	Nasa Tsuchiya
c—3	Materials and Design	S1 Room	14:00	15:40	16 Jul.		6052982	Feasibility Study of Auxetic Design for Space Structures	Tokyo City University	Atsushi Komuro
c—3	Materials and Design	S1 Room	14:00	15:40	16 Jul.		6052262	Euler Path Selection for the In-Space Assembly and Manufacturing of Truss Structures	Massachusetts Institute of Technology	Harsh Bhundiya
c—3	Materials and Design	S1 Room	14:00	15:40	16 Jul.		6051761	Analysis of Blast Resistance Performance of Composite Laminated Structures	Chung Cheng Institute of Technology, National Defense University	Chia-Wei Yeh
c—4	Analysis and Design	S1 Room	16:00	17:40	16 Jul.		6052394	Deployable structures applying origami with multi-stable properties	University of Tokyo	Keisuke Okazaki
c—4	Analysis and Design	S1 Room	16:00	17:40	16 Jul.		6052985	Mechanum Wheel Rover for Gravity Compensation Testing of Deployable Structures	Tokyo city University	Akira Nakagiri
c—4	Analysis and Design	S1 Room	16:00	17:40	16 Jul.		6064612	Alignment design of the extension boom for Comet Interceptor	Japan Aerospace Exploration Agency	Hirohide Shiratori
c—4	Analysis and Design	S1 Room	16:00	17:40	16 Jul.		6065779	Analysis of Deployment Behavior of Boom Deployable Triangular Shaped Thin Film Structure by Multi-Particle Method	Aoyama Gakuin University Gladuate School	Hiroaki Yoneda
c—4	Analysis and Design	S1 Room	16:00	17:40	16 Jul.		6065841	Design of a Compact Lightweight Model Satellite Structure Featuring an Integrated Filter Wheel Mechanism	Gadjah Mada University	Nico Febrian Tan
c—5	Vibration	S1 Room	09:00	10:40	17 Jul.		6051496	Investigation on nonlinearity of a vibrating flexible beam with piezoelectric film	Department of Aerospace Engineering, Tohoku University	Kento Shimura
c—5	Vibration	S1 Room	09:00	10:40	17 Jul.		6052467	Experimental evaluation of a magnetorheological gel isolator for suppressing rotational micro-vibration	Japan Aerospace Exploration Agency	Mizuki Abe
c—5	Vibration	S1 Room	09:00	10:40	17 Jul.		6052512	Research on Satellite Structures with Vibration Damping Effects	Tokyo Metropolitan University	Kentaro Shirai

#35 ISTS Tentative Programme

Title of session	Session名	Venue	Session Time		DATE	Presentati on format	No.	Title	Affiliations	presenter
			Start	end						
c-5	Vibration	S1 Room	09:00	10:40	17 Jul.		6053262	Reduced observation requirement for magnetostrictive semi-active vibration energy harvesting in space structure	Tohoku University	Yuusuke Kobayashi
c-5	Vibration	S1 Room	09:00	10:40	17 Jul.		6053361	Sensor-Less and Energy-Efficient Structural Health Monitoring for Piezoelectric Smart Space Structure	Tohoku University	Yushin HARA
c-6	Satellite Structures(1)	S1 Room	11:00	12:40	17 Jul.		6051926	Experimental Verification of Error Propagation Formula in Fringe Projection Photogrammetry with Whole-Space Tabulation Method	Osaka Prefectural University	Daito Sato
c-6	Satellite Structures(1)	S1 Room	11:00	12:40	17 Jul.		6053672	Utilization of a Reduced Order Landing Dynamics Model towards Operation Decision Making for Martian Moons eXploration (MMX)	Japan Aerospace Exploration Agency	Hiroaki Amakawa
c-6	Satellite Structures(1)	S1 Room	11:00	12:40	17 Jul.		6053774	Feasibility Study of Alumina Reduction by Combined Hydrogen Plasma and Electrolysis	Graduate School of Integrated Science and Technology, Matsui Laboratory, Shizuoka Un	Kenji Yonekura
c-6	Satellite Structures(1)	S1 Room	11:00	12:40	17 Jul.		6053435	Design and Simulation of a Dipole Antenna Deployment Mechanism for 1U to 6U CubeSat Applications	Kyushu Institute of Technology	Chinathip Narongphun
c-6	Satellite Structures(1)	S1 Room	11:00	12:40	17 Jul.		6053643	Effectiveness Validation of Clamping-type Mesh Fastening Techniques for Deployable Mesh Antenna	Korea Aerospace University	Jae-Seop Choi
c-7	Satellite Structures(2)	S1 Room	14:00	15:40	17 Jul.		6031895	Designing a Liquid Mirror Telescope Using Magnetic Fields to Deform Magnetorheological Fluid into a Parabola	University of Tokyo	Jennifer Ng
c-7	Satellite Structures(2)	S1 Room	14:00:00	15:40:00	17 Jul.		6065839	Study of system for aiming to increase the speed of on-orbit assembly construction	Institute of Science Tokyo	Hiroyuki Kobayashi
c-7	Satellite Structures(2)	S1 Room	14:00:00	15:40:00	17 Jul.		6053659	Experimental Evaluation of Space Radiation Shielding Characteristics in Wood Materials	Korea Aerospace University	Woo-Min Cho
d-1	Attitude Control (1)	Meeting Room #2-3F	09:00	10:40	15 Jul.		6065529	Development and Testing of a Vacuum Arc Thruster-Based Attitude Control System for 3U CubeSats	Kyushu Institute of Technology	Jose Rodrigo Cordova-Alarcon
d-1	Attitude Control (1)	Meeting Room #2-3F	09:00	10:40	15 Jul.		6065798	Membrane Shape Estimation for Integrated Attitude-Orbit Control of Solar Sail with Single-Axis Gimbal Mechanism	Institute of Science Tokyo	Tetsuhiro Nakashima
d-1	Attitude Control (1)	Meeting Room #2-3F	09:00	10:40	15 Jul.		6051619	Attitude Control and Vibration Suppression of Spacecraft with Flexible Structure Using Estimation Values of Higher Flexible Modes	Osaka Metropolitan University	Yuto Yamamoto

#35 ISTS Tentative Programme

Title of session	Session名	Venue	Session Time		DATE	Presentati on format	No.	Title	Affiliations	presenter
			Start	end						
d-1	Attitude Control (1)	Meeting Room #2-3F	09:00	10:40	15 Jul.		6065673	Accumulated Momentum Unloading by Independent SAP Control for Interplanetary Spacecraft	NEC Corporation	Takefumi Kosaka
d-2	Attitude Control (2)	Meeting Room #2-3F	11:00	12:40	15 Jul.		6051192	An Investigation of Applying Gain Update and Feedback Control of Variable Shape Attitude Control to Multi-point Earth Observation	Institute of Science Tokyo	Yusaku Ozeki
d-2	Attitude Control (2)	Meeting Room #2-3F	11:00	12:40	15 Jul.		6053225	Angular Momentum Management of a Satellite and its Reaction Wheels	Plan-S Satellite and Space Technolo	Farid Gulmammadov
d-2	Attitude Control (2)	Meeting Room #2-3F	11:00	12:40	15 Jul.		6053763	Attitude control by a combination of magnetic field line control using permanent magnets at low latitudes and active control near the magnetic poles	Kanazawa University	Taiki Yamaguchi
d-2	Attitude Control (2)	Meeting Room #2-3F	11:00	12:40	15 Jul.		6064742	Attitude Control of a Micro Solar Sail with Single-axis Gimbal Mechanism on Low Earth Orbit	Institute of Science Tokyo	Yusei Kawaguchi
d-3	Attitude Dynamics	Meeting Room #2-3F	14:00	15:40	15 Jul.		6016027	Control of the Attitude Dynamics of the Spacecraft with Hybrid Control Scheme, Combining Reaction Wheels and Inertial Morphing	RMIT University	Pavel M. Trivailo
d-3	Attitude Dynamics	Meeting Room #2-3F	14:00	15:40	15 Jul.		6050656	Attitude Control Strategy for Near-Equatorial Orbit Satellites with Variable Shape Mechanisms using Atmospheric Drag Torque and Gravity Gradient Torque	Institute of Science Tokyo	Kiyona Miyamoto
d-3	Attitude Dynamics	Meeting Room #2-3F	14:00	15:40	15 Jul.		6052279	Analysis of Reaction Wheel Micro-Vibration Disturbances in Nano-Satellites	PLAN-S Space and Satellite Techno	Gokhan OZDOGAN
d-3	Attitude Dynamics	Meeting Room #2-3F	14:00	15:40	15 Jul.		6053855	Maximizing Instances of Spacecraft Pointing towards Celestial Body: Application of the Spinning and Flipping Spacecraft in Circular and Elliptical Orbits	Marymede Catholic College	Aleksey P Trivailo
d-4	Attitude Determination	Meeting Room #6-2F	14:00	15:40	18 Jul.		6053490	Attitude Estimation for Resident Space Objects from Light Curves Using Blender-Based Simulations	Middle East Technical University	Gulce Tuzcu
d-4	Attitude Determination	Meeting Room #6-2F	14:00	15:40	18 Jul.		6053564	Mass Property Estimation by EKF and UKF for Spacecraft	JAXA	Keisuke Sugawara
d-4	Attitude Determination	Meeting Room #6-2F	14:00	15:40	18 Jul.		6065490	Design and Validation of an Enhanced ADCS Board in CubeSat Passive Stabilization Systems	Universiti Teknologi MARA (UiTM) S	Haizhi Amzhar Alias
d-4	Attitude Determination	Meeting Room #6-2F	14:00	15:40	18 Jul.		6065750	On-Orbit Results of Angular Momentum Control and Environmental Force Estimation with External Torque Changes Using Variable Shape Function	Institute of Science Tokyo	Yuki Amaki

#35 ISTS Tentative Programme

Title of session	Session名	Venue	Session Time		DATE	Presentati on format	No.	Title	Affiliations	presenter
			Start	end						
d-5	Navigation	Meeting Room #6-2F	16:00	17:40	18 Jul.		6051582	Development and Evaluation of a Comet Identification Algorithm for Long-Period Comet Exploration Mission	The University of Tokyo	Daiki Tsuzuki
d-5	Navigation	Meeting Room #6-2F	16:00	17:40	18 Jul.		6064723	Enabling Robust, Real-Time Verification of Vision-Based Navigation through View Synthesis	European Space Agency	Marius Neuhalfen
d-5	Navigation	Meeting Room #6-2F	16:00	17:40	18 Jul.		6065554	Vision based refueling using development testbed for spacecraft on-orbit servicing	Chosun University	Seonghyeon Shin
d-5	Navigation	Meeting Room #6-2F	16:00	17:40	18 Jul.		6065736	Hayabusa2 Navigation Performance Assessment for the Fly-by of Asteroid 98943 Torifune	JAXA	Hiroshi Takeuchi
d-5	Navigation	Meeting Room #6-2F	16:00	17:40	18 Jul.		6053571	Orbit Determination Methods Using Inter-Satellite Ranging and Optical Observations Considering Inter-Satellite Radio Occultation Observation	The University of Tokyo	Yojiro Yamashiro
d-6	Formation Flying & Satellite	Meeting Room #2-3F	16:00	17:40	15 Jul.		6039736	Large-scale Passively Safe Satellite Swarm Clustering: A K-means-based Approach	Sun Yat-sen University	Jihe Wang
d-6	Formation Flying & Satellite	Meeting Room #2-3F	16:00	17:40	15 Jul.		6044661	Mission Lifetime Comparison of Thruster-based Control and Aerodynamic Control in Relative Orbit Control for Distributed Space Systems with Small Satellites	Institute of Science Tokyo	Keito Otsubo
d-6	Formation Flying & Satellite	Meeting Room #2-3F	16:00	17:40	15 Jul.		6046908	Nano-Satellite Swarm using Flocking Algorithm	Kyushu University	Sohta Katoh
d-6	Formation Flying & Satellite	Meeting Room #2-3F	16:00	17:40	15 Jul.		6050739	Nonlinear control method for satellite constellation deployment	Osaka University	Yuta Imoto
d-6	Formation Flying & Satellite	Meeting Room #2-3F	16:00	17:40	15 Jul.	取り消し	6051293	Feasibility Study of On-Orbit Assembly and Reconfiguration for High-Functional Modular Space Systems Using Electromagnetic Formation Flying	The University of Tokyo	Yusei Alex Sato
d-7	Formation Flying & Satellite	Meeting Room #2-3F	09:00	10:40	16 Jul.		6051643	Long Term Stable Relative Position Control Law for Space Gravitational Wave Telescopes	The University of Tokyo	Takahiro Takano
d-7	Formation Flying & Satellite	Meeting Room #2-3F	09:00	10:40	16 Jul.		6053160	An Investigation into the Orbital Design of Two Small Satellites in Formation Flight	Sojo University	Fuma Nagata
d-7	Formation Flying & Satellite	Meeting Room #2-3F	09:00	10:40	16 Jul.		6052392	Sub-Optimal Deployment Using Low-Thrust for LEO Large Constellations	Mitsubishi Electric Corporation	Takeya Shima

#35 ISTS Tentative Programme

Title of session	Session名	Venue	Session Time		DATE	Presentati on format	No.	Title	Affiliations	presenter
			Start	end						
d－7	Formation Flying & Satellite	Meeting Room #2－3F	09:00	10:40	16 Jul.		6053015	Research on Characterization of a Pupil Spectroscopy Interferometer Sensor and Optical Path Difference Control for Formation Flying Space Interferometer	The University of Tokyo	Masaki Ito
d－8	Formation Flying & Satellite Constellations (3)	Meeting Room #2－3F	11:00	12:40	16 Jul.		6053509	Motion Planning for Optimization of Convexified Antenna Performance in Distributed Space Antennas Using Electromagnetic Formation Flight	The Graduated University for Advanced Science and Technology	Seang Shim
d－8	Formation Flying & Satellite Constellations (3)	Meeting Room #2－3F	11:00	12:40	16 Jul.		6063230	Coverage Control for Swarm Satellite by 3D Voronoi Diagram	Kyushu University	Takehiro Yasuda
d－8	Formation Flying & Satellite Constellations (3)	Meeting Room #2－3F	11:00	12:40	16 Jul.		6064663	Proximity Control of Electromagnetic Formation Flying Using Simplified Magnetic Field Model	University of Tokyo	Hideki Yoshikado
d－8	Formation Flying & Satellite Constellations (3)	Meeting Room #2－3F	11:00	12:40	16 Jul.		6065402	Cooperative control of heterogeneous two spacecraft malfunction	chosun university control and robotics	donghyeon nam
d－8	Formation Flying & Satellite Constellations (3)	Meeting Room #2－3F	11:00	12:40	16 Jul.		6051565	Attitude-Orbit Coupled Control of Port-Hamiltonian Systems for Spacecraft Formation Flying	Osaka University	Toshinori Yabe
d－9	Formation Flying & Satellite Constellations (4)	Meeting Room #2－3F	14:00	15:40	16 Jul.		6050171	Trajectory Optimization for Periodic Formation Configuration of Pico-satellites with Relative Orbit Attitude Coupling	Advanced Technology R&D Center, NICT	Takumi Noro
d－9	Formation Flying & Satellite Constellations (4)	Meeting Room #2－3F	14:00	15:40	16 Jul.		6065613	Application of the H ∞ -Norm-Based Control Accuracy Evaluation Method to High-Precision Formation Flying System	The University of Tokyo	Shunsuke Shimomura
d－9	Formation Flying & Satellite Constellations (4)	Meeting Room #2－3F	14:00	15:40	16 Jul.		6065591	Effective Periodic Orbit Characterization in Lunar Navigation Constellation	SOKENDAI	Ryusei Komatsu
d－9	Formation Flying & Satellite Constellations (4)	Meeting Room #2－3F	14:00	15:40	16 Jul.		6051719	Observer-Based Stochastic Optimal Control for Spacecraft Formation Flying with Discrete Observation and Sensor Switching	The University of Tokyo	Michinari Kake
d－10	Entry/Landing/Ascent Guidance (1)	Meeting Room #2－3F	16:00	17:40	16 Jul.		6052210	Descent Guidance and Control Law of Touch-and-Go Sampling Probe using Optimization Scheme	The University of Tokyo	Haruhito Ohki
d－10	Entry/Landing/Ascent Guidance (1)	Meeting Room #2－3F	16:00	17:40	16 Jul.		6053030	Landing Guidance for Lunar Pit Observation Considering Multi-Point Observations	University of Tokyo	Tatsuya Narumi
d－10	Entry/Landing/Ascent Guidance (1)	Meeting Room #2－3F	16:00	17:40	16 Jul.		6053344	Designing Optimal Moon Landing Trajectories: A Study in Fuel Conservation and System Stability	Research Center for Advanced Science and Technology	Soat The Le

#35 ISTS Tentative Programme

Title of session	Session名	Venue	Session Time		DATE	Presentati on format	No.	Title	Affiliations	presenter
			Start	end						
d-10	Entry/Landing/Ascent Guidance (1)	Meeting Room #2-3F	16:00	17:40	16 Jul.		6064727	Convex Optimization of Lunar Ascent Trajectory	Middle East Technical University	Atakan Suslu
d-10	Entry/Landing/Ascent Guidance (1)	Meeting Room #2-3F	16:00	17:40	16 Jul.		6053618	Design and Development Status of Experimental Winged Rocket WIRES#015	Tokyo University of science	Daiki Kikuchi
d-11	Entry/Landing/Ascent Guidance (2)	Meeting Room #2-3F	09:00	10:40	17 Jul.	取り消し	6051782	Mission proposal for small satellite aerobraking demonstration in Earth orbit	University of Tokyo	Maximilien Berthet
d-11	Entry/Landing/Ascent Guidance (2)	Meeting Room #2-3F	09:00	10:40	17 Jul.		6051638	Landing Dispersion Analysis for Spin-Stabilized Planetary Lander with Single Actuator	The University of Tokyo	Kaho Nakagawa
d-11	Entry/Landing/Ascent Guidance (2)	Meeting Room #2-3F	09:00	10:40	17 Jul.		6065756	Exploration of the Horizontal Landing Range of the Sampling Probe through Thrust Direction Control of the Solid Rocket Motors	Kyushu-University	Tomohito Sekiguchi
d-11	Entry/Landing/Ascent Guidance (2)	Meeting Room #2-3F	09:00	10:40	17 Jul.		6065801	Crater Detection and Identification for Lost in Lunar Orbit Scenario	University of Turkish Aeronautical A	Sena Tasgin
d-12	Orbital Rendezvous & Proximity Operations	Meeting Room #2-3F	11:00	12:40	17 Jul.		6034806	Analytic Guidance Strategies for Safety Ellipse Reconfiguration with Passive Collision Avoidance	Sun Yat-sen University	Chenglong Xu
d-12	Orbital Rendezvous & Proximity Operations	Meeting Room #2-3F	11:00	12:40	17 Jul.		6053521	Deep Space Rendezvous Docking Controller with Thrust Disturbance Observer	The Graduate University for Advance	Daichi Ishido
d-12	Orbital Rendezvous & Proximity Operations	Meeting Room #2-3F	11:00	12:40	17 Jul.		6062462	Sequential and Trajectory Optimization of Multiple Space Debris Removal with Orbit Criteria	Yokohama National University	Kaito Tanaka
d-12	Orbital Rendezvous & Proximity Operations	Meeting Room #2-3F	11:00	12:40	17 Jul.		6063129	Integrated Parameter Tuning Framework for Multi-Objective Controller Design: Application to Spacecraft Rendezvous	JAXA	Takahiro Sasaki
d-13	Orbit Determination	Meeting Room #2-3F	14:00	15:40	17 Jul.		6051997	Onboard Two-Line Element Set Estimation Architecture for Small Satellites	Plan S Satellite and Space Technolo	Ozgur AKCA
d-13	Orbit Determination	Meeting Room #2-3F	14:00	15:40	17 Jul.		6052956	A Comparison of Real-Time Precise Onboard Orbit Determination Methods for Low Earth Orbit Satellites using QZSS Correction Signals	The University of Tokyo	Kazuya Fukuda
d-13	Orbit Determination	Meeting Room #2-3F	14:00	15:40	17 Jul.		6053905	Analyzing the natural increase in semi-major axis of a GTO space debris	CNES	Fabien Gachet

#35 ISTS Tentative Programme

Title of session	Session名	Venue	Session Time		DATE	Presentati on format	No.	Title	Affiliations	presenter
			Start	end						
d-13	Orbit Determination	Meeting Room #2-3F	14:00	15:40	17 Jul.		6053677	Investigation the Performance of Semi-Autonomous Orbit Determination for Lunar Transfer Trajectories: Integrating Earth GNSS Signals and One-Way Onboard Ranging	Middle East Technical University	Yasin Gungor
d-13	Orbit Determination	Meeting Room #2-3F	14:00	15:40	17 Jul.		6053681	Pulsar-Based Autonomous X-ray Orbit Determination for Spacecraft in Lunar Orbits	Middle East Technical University	Yasin Gungor
d-14	Orbital Dynamics and Control	S2 Room 1F	16:00	17:40	15 Jul.		6052285	Constraints on Spacecraft Observations of Apophis through its Earth Close Approach	University of Colorado	Daniel J Scheeres
d-14	Orbital Dynamics and Control	S2 Room 1F	16:00	17:40	15 Jul.		6046979	Preliminary Orbital Analysis for Comet Proximity Operations in the Next-Generation Small-Body Sample Return Mission	National Astronomical Observatory of Japan	Shota Kikuchi
d-14	Orbital Dynamics and Control	S2 Room 1F	16:00	17:40	15 Jul.		6053383	Fuel-optimal periodic motions under radiation pressure near small bodies	Kyushu University	Shanshan Pan
d-14	Orbital Dynamics and Control	S2 Room 1F	16:00	17:40	15 Jul.		6064840	Detailed Analysis on Barrier Surfaces Separating Regions of Possible and Impossible Motion	Hiroshima Institute of Technology	Kenta Oshima
d-14	Orbital Dynamics and Control	S2 Room 1F	16:00	17:40	15 Jul.	取り消し	6064517	Investigation of the Feasibility of Orbit Control for Rubble-Pile Asteroids Through Direct Spacecraft Interaction	Kyushu University	Yuki Odagiri
d-15	Orbital Dynamics and Control	S2 Room 1F	160:00	17:40	16 Jul.		6051305	An MPC approach on dealing with the challenges of LEO orbit maintenance	National Yang Ming Chiao Tung University	Chi-Hao Chan
d-15	Orbital Dynamics and Control	S2 Room 1F	160:00	17:40	16 Jul.		6053379	Discrete Locally Optimal Control with Solar Sail for Planet-Centered Orbit Raising	Institute of Science Tokyo	Yusuke Arai
d-15	Orbital Dynamics and Control	S2 Room 1F	160:00	17:40	16 Jul.		6053403	A Novel On-Orbit Inspection Algorithm for Space Robots Based on Dual Quaternion Algebra	Tokyo Metropolitan University	Daiki Isowa
d-15	Orbital Dynamics and Control	S2 Room 1F	160:00	17:40	16 Jul.		6065835	Polynomial Approximation of Non-Linear Relative Orbit Motion Applicable to Onboard Calculation for Autonomous Flyby	The University of Tokyo	Shusaku Tsuruya
d-16	Trajectory Design and Optimization	Meeting Room #2-3F	16:00	17:40	17 Jul.		6051135	Trajectory Design from Earth-Moon Lagrange Point to Near Earth Asteroid for Small Satellite Missions	The University of Tokyo	Masaki Tsutsui
d-16	Trajectory Design and Optimization	Meeting Room #2-3F	16:00	17:40	17 Jul.		6051344	On the Global Search of Spacecraft Trajectories Using the Stability Index of a Stochastic Algorithm	Kyoto University	Gyeongrok HA

#35 ISTS Tentative Programme

Title of session	Session名	Venue	Session Time		DATE	Presentati on format	No.	Title	Affiliations	presenter
			Start	end						
d-16	Trajectory Design and Optim	Meeting Room #2-3F	16:00	17:40	17 Jul.		6051563	Efficient Moon-to-Moon Transfer Optimization and Its Application to GEO-X	The University of Tokyo	Hiroataka Sekine
d-16	Trajectory Design and Optim	Meeting Room #2-3F	16:00	17:40	17 Jul.		6052387	Evaluation of Lunar Transfer Orbits to Re-encounter the Moon for Deep Space Missions	The University of Tokyo	Yosuke Kawabata
d-16	Trajectory Design and Optim	Meeting Room #2-3F	16:00	17:40	17 Jul.		6052996	Heteroclinic Connections Between Invariant Tori of Different Dimensions	Kyushu University	Soichiro Shin
d-17	Trajectory Design and Optim	Meeting Room #2-3F	14:00	15:40	18 Jul.		6053327	Trajectory Design Software Using DDP	Research Institute of Systems Plann	Shun Kodama
d-17	Trajectory Design and Optim	Meeting Room #2-3F	14:00	15:40	18 Jul.		6058655	Analysis of resonant transition periodic orbits using Poincaré map	Kyushu univercity	Mahiro Arimoto
d-17	Trajectory Design and Optim	Meeting Room #2-3F	14:00	15:40	18 Jul.	取り消し	6064113	Application of Stochastic Differential Dynamic Programming with Generalized Uncertainty for Robust Trajectory Design	SOKENDAI	Masato Shibukawa
d-17	Trajectory Design and Optim	Meeting Room #2-3F	14:00	15:40	18 Jul.		6064586	Analysis of cislunar quasi-periodic resonant orbits in the bicircular restricted four-body problem	Beihang University	Shuhao Cui
d-17	Trajectory Design and Optim	Meeting Room #2-3F	14:00	15:40	18 Jul.		6065170	Flight sequence design of an orbital transfer vehicle from the Lunar Gateway for interplanetary exploration	The Australian National University	Kawsihen Elankumaran
d-18	Trajectory Design and Optim	Meeting Room #2-3F	16:00	17:40	18 Jul.		6065477	DSOTV and OPENS: A Roadmap on Japan's Next-Generation Solar System Exploration	Kyushu University	Yuki Takao
d-18	Trajectory Design and Optim	Meeting Room #2-3F	16:00	17:40	18 Jul.		6065259	Finite-time maneuver control laws for cislunar transfer mission using neural ODEs with reservoir computing architecture	Japan Aerospace Exploration Agency	Satoshi Ueda
d-18	Trajectory Design and Optim	Meeting Room #2-3F	16:00	17:40	18 Jul.		6052955	Chance-constrained Optimization for Robust Orbit-raising Strategy under Satellite Operational Uncertainty	The University of Tokyo	Shunta Oi
d-18	Trajectory Design and Optim	Meeting Room #2-3F	16:00	17:40	18 Jul.		6064715	Design of Transfer Trajectories Between Moons Based on Finite-Time Lyapunov Exponent	Tokyo Metropolitan University	Shoma Ito
e-1	DBD and Space Plane	S1 Room1F	09:00	10:40	15 Jul.		6064634	Effect of Ultraviolet Irradiation on Strea	Tohoku University	Rei Maeta

#35 ISTS Tentative Programme

Title of session	Session名	Venue	Session Time		DATE	Presentati on format	No.	Title	Affiliations	presenter
			Start	end						
e-1	DBD and Space Plane	S1 Room1F	09:00	10:40	15 Jul.		6064740	Experimental investigation of length effe	Instituto Politecnico Nacional	Gema Esmeralda Martinez Gonzalez
e-1	DBD and Space Plane	S1 Room1F	09:00	10:40	15 Jul.		6064534	Evaluation of Engine Integration on Aero	JAXA	Susumu Hasegawa
e-1	DBD and Space Plane	S1 Room1F	09:00	10:40	15 Jul.		6065268	Aerodynamic Characteristics Study on	Kyushu Institute of Technology	Yuta Toshima
e-1	DBD and Space Plane	S1 Room1F	09:00	10:40	15 Jul.		6065729	Sensitivities of Buffet Phenomenon to A	The University of Tokyo	Ken Fujino
e-2	Rarefied Flow and Fluid Mechanics 1	S1 Room1F	11:00	12:40	15 Jul.		6051644	Two-way coupled CFD-DSMC simulatio	ONERA, Universite Paris Saclay	Antoine Clout
e-2	Rarefied Flow and Fluid Mechanics 1	S1 Room1F	11:00	12:40	15 Jul.		6051987	Atmosphere Breathing Electric Propulsi	Korea Advanced Institute of Science	Woonghwi Park
e-2	Rarefied Flow and Fluid Mechanics 1	S1 Room1F	11:00	12:40	15 Jul.		6052008	Improving Spatio-Temporal Accuracy of	Korea Advanced Institute of Science	Joonbeom Kim
e-2	Rarefied Flow and Fluid Mechanics 1	S1 Room1F	11:00	12:40	15 Jul.		6053216	Spectral Proper Orthogonal Decomposit	Osaka Metropolitan University	Sowa Moriyama
e-2	Rarefied Flow and Fluid Mechanics 1	S1 Room1F	11:00	12:40	15 Jul.		6053605	Study of boundary layer transition in su	Chubu university	Mahiro Nishihara
e-3	Rarefied Flow and Fluid Mechanics 2	S1 Room1F	14:00	15:40	15 Jul.		6050988	Study for Rarefaction Level Improveme	JAXA	Takashi Ozawa
e-3	Rarefied Flow and Fluid Mechanics 2	S1 Room1F	14:00	15:40	15 Jul.		6053148	Surface inelastic scattering model for D	Kobe University	Akinori Endo
e-3	Rarefied Flow and Fluid Mechanics 2	S1 Room1F	14:00	15:40	15 Jul.		6064618	Coupled DSMC drag modelling and traje	Tohoku University	ANASS EL KHMISI
e-3	Rarefied Flow and Fluid Mechanics 2	S1 Room1F	14:00	15:40	15 Jul.		6065778	Assessment of Linear Global Mode Extr	Tohoku University	Yuma Kuroda

#35 ISTS Tentative Programme

Title of session	Session名	Venue	Session Time		DATE	Presentati on format	No.	Title	Affiliations	presenter
			Start	end						
e-3	Rarefied Flow and Fluid Mechanics 2	S1 Room1F	14:00	15:40	15 Jul.		6065815	Verification of Hybrid Method for Multic	Kyusyu Institute of Technology	Yuichiro Honda
e-4	Fluid Mechanics 3	S1 Room1F	16:00	17:40	15 Jul.		6051087	Comparison of 2D and 3D CFD simulati	Waseda University	Yuquan Cao
e-4	Fluid Mechanics 3	S1 Room1F	16:00	17:40	15 Jul.		6052446	A Study of Turbulent Transition in a Cu	Chubu university	Naoki Saito
e-4	Fluid Mechanics 3	S1 Room1F	16:00	17:40	15 Jul.		6053718	Flow Regime Prediction Applying Machi	Waseda University	Masayuki Shirai
e-4	Fluid Mechanics 3	S1 Room1F	16:00	17:40	15 Jul.		6065615	Experimental Modelling of Water Vapor	The University of Tokyo	Haruto Tanaka
e-5	MHD Flow Control and Reentry 1	S2 Room1F	09:00	10:40	16 Jul.		6049647	Development of Ionization Seeding Met	Tottori University	Hiroshi Katsurayama
e-5	MHD Flow Control and Reentry 1	S1 Room1F	09:00	10:40	16 Jul.		6050629	Effect of Forced Insulating Boundary by	Tottori University	Shunya Miyaura
e-5	MHD Flow Control and Reentry 1	S1 Room1F	09:00	10:40	16 Jul.		6051492	Numerical Simulation of Magnetohydrod	Tottori University	Hiroki Sakamoto
e-5	MHD Flow Control and Reentry 1	S1 Room1F	09:00	10:40	16 Jul.		6048413	Evaluation of Deforming Ballute with Flu	Ryukoku University	Hiroataka Otsu
e-5	MHD Flow Control and Reent	S1 Room1F	09:00	10:40	16 Jul.		6052046	Flow Field Simulation and Aerodynamic	Feng Chia University	Zhong-Hui Chen
e-6	Reentry 2	S1 Room1F	11:00	12:40	16 Jul.		6052848	Non-Destructive Method of Acquiring D	JAXA	Yuma Yagi
e-6	Reentry 2	S1 Room1F	11:00	12:40	16 Jul.		6054841	Measurements of FLEET Fluorescence	JAXA	Hiroki Takayanagi

#35 ISTS Tentative Programme

Title of session	Session名	Venue	Session Time		DATE	Presentati on format	No.	Title	Affiliations	presenter
			Start	end						
e-6	Reentry 2	S1 Room1F	11:00	12:40	16 Jul.		6063539	Infrared Radiation Measurements of Re	Gunma University	Hiroyuki Toyama
e-6	Reentry 2	S1 Room1F	11:00	12:40	16 Jul.		6064987	Preliminary Test of Laser Absorption S	Shizuoka University	Hinako Hatta
e-6	Reentry 2	S1 Room1F	11:00	12:40	16 Jul.		6065772	Blunt Model Shear Stress Measurement	Tottori university	Kenichi Sakamoto
e-7	Reentry 3	S1 Room1F	14:00	15:40	16 Jul.		6052886	Emission Spectroscopy of CO2-N2 Flow	Shizuoka University	Taro Isono
e-7	Reentry 3	S1 Room1F	14:00	15:40	16 Jul.		6064852	Plasma-assisted Rapid Flow Control and	Toyota Technological Institute	Yasumasa Watanabe
e-7	Reentry 3	S1 Room1F	14:00	15:40	16 Jul.		6065543	Development of a Shockward Radiation	Tottori University	Joseph Kimani Mwangi
e-7	Reentry 3	S1 Room1F	14:00	15:40	16 Jul.		6065679	Improvement of Analytical Vibrational T	Nagasaki Institute of Applied Science	Yutaka Matsukawa
e-7	Reentry 3	S1 Room1F	14:00	15:40	16 Jul.		6052578	Thermochemical species analysis around	The University of Tokyo	Koki Tanaka
f-1	Missions 1	Meeting Room #6-2F	09:00	10:40	15 Jul.		6030806	Separation Velocity Estimation of ARTEMIS-1 Rideshare CubeSats	Japan Aerospace Exploration Agency	Tatsuaki Hashimoto
f-1	Missions 1	Meeting Room #6-2F	09:00	10:40	15 Jul.		6034344	Lumelite-4: a satellite built with modularity and scalability concept	National University of Singapore	Abhishek Rai
f-1	Missions 1	Meeting Room #6-2F	09:00	10:40	15 Jul.		6052184	Target Attitude Planning and On-orbit Performance for the TDI Imaging Mission of the 6U CubeSat ONGLAISAT	The University of Tokyo	Hiroataka Okada
f-1	Missions 1	Meeting Room #6-2F	09:00	10:40	15 Jul.		6064678	Evaluation of In-flight Performance of Electric Power System on Kanazawa University Satellite KOYOH	Kanazawa University	Shunsuke Nakamura

#35 ISTS Tentative Programme

Title of session	Session名	Venue	Session Time		DATE	Presentati on format	No.	Title	Affiliations	presenter
			Start	end						
f-1	Missions 1	Meeting Room #6-2F	09:00	10:40	15 Jul.		6064999	Advancing Space Weather Science through CubeSats: Lessons, Results, and International Collaboration from the SPORT Mission	Utah State University	Charles M Swenson
f-2	Missions 2	Meeting Room #6-2F	11:00	12:40	15 Jul.		6052222	InnoCube ? In-Orbit results of the wireless satellite technology demonstration	Technische Universitat Berlin – Chair of Space Technology	Benjamin Andreas Grzesik
f-2	Missions 2	Meeting Room #6-2F	11:00	12:40	15 Jul.		6064878	Use of Ground Sensor Terminal for LoRa IoT 1U CubeSat: MicroOrbiter-1	Kyushu Institute of Technology	Sirash Sayanju
f-2	Missions 2	Meeting Room #6-2F	11:00	12:40	15 Jul.		6065452	Fostering International Collaboration through the MicroOrbiter-1 CubeSat: A Multi-Nation Study on LoRa-Based IoT Applications	Kyushu Institute of Technology	Fahd MOUMNI
f-2	Missions 2	Meeting Room #6-2F	11:00	12:40	15 Jul.		6065472	Assessment of Strain on Wooden Satellite	Kyoto University	Keito Asada
f-2	Missions 2	Meeting Room #6-2F	11:00	12:40	15 Jul.		6065821	Rymansat 4th Cubesat RSP-03 Development	Rymansat	Yoshihito Morishita
f-3	Missions 3	Meeting Room #6-2F	14:00	15:40	15 Jul.		6052183	The Next Generation of the Stuttgart Operated University CubeSat for Evaluation and Education with the Electric Propulsion PETRUS	University of Stuttgart	Kaja Gebhard
f-3	Missions 3	Meeting Room #6-2F	14:00	15:40	15 Jul.		6062124	Attitude Determination and Control System for the astronomical 6U CubeSat VERTECS	Kyushu Institute of Technology	Jose Rodrigo Cordova-Alarcon
f-3	Missions 3	Meeting Room #6-2F	14:00	15:40	15 Jul.		6063308	Feasibility Study of Solar Sail PIERIS ¬ Microsatellite for Technology Demonstration Mission on Low-Earth Orbit	Institute of Science Tokyo	Toshihiro Chujo
f-3	Missions 3	Meeting Room #6-2F	14:00	15:40	15 Jul.		6064132	Design of Movement Scheme for Large Space Structure Servicing CubeSat	Beijing Institute of Technology	Senwei Lv
f-3	Missions 3	Meeting Room #6-2F	14:00	15:40	15 Jul.		6045834	Development of Osaka Sangyo University 1U Cubesat OSU-1 with 1J/1W Pulsed Plasma Thruster Systems for Powered Flight, and R&D Project of Nano-Satellite & Probe OSU-2, 3 and 4	Osaka Sangyo University	Ren-ichiro Oka
f-4	Missions 4	Meeting Room #6-2F	16:00	17:40	15 Jul.		6062270	Development of a Smart Remote Sensing Payload for the Lilium-2 CubeSat	National Cheng Kung University	Jyh-Ching Juang

#35 ISTS Tentative Programme

Title of session	Session名	Venue	Session Time		DATE	Presentati on format	No.	Title	Affiliations	presenter
			Start	end						
f-4	Missions 4	Meeting Room #6-2F	16:00	17:40	15 Jul.		6043254	Production of Weather Sensing Payloads Using an Outsourced Model	Busek Co. Inc.	Kyle Emmi
f-4	Missions 4	Meeting Room #6-2F	16:00	17:40	15 Jul.		6065749	Design and Development Updates on the Maya-7 CubeSat Communications Subsystem, Mission Payloads, and Ground Terminals	University of the Philippines – Dilima	Joannarose Congzon
f-4	Missions 4	Meeting Room #6-2F	16:00	17:40	15 Jul.		6065786	Development of Unit for Observation of Seismic-Preceding Ionospheric Phenomena for CubeSat	Nihon University	Ryoma Miura
f-4	Missions 4	Meeting Room #6-2F	16:00	17:40	15 Jul.		6063686	Innovating a Sustainable Future: The Role of Small Satellites in Space Exploration and Societal Benefits	NASA Marshall Space Flight Center	Joseph Casas
f-5	Formation Flying	Meeting Room #6-2F	09:00	10:40	16 Jul.		6047658	Robust Topology Optimization of Intersatellite Links against Link Disconnections using an epsilon DE Algorithm	Mitsubishi Electric Corporation	Takumi Noro
f-5	Formation Flying	Meeting Room #6-2F	09:00	10:40	16 Jul.		6051273	Development of the Demonstration Module for Precise Formation Flying Navigation Technology with Two CubeSats	The University of Tokyo	Tomoki Mochizuki
f-5	Formation Flying	Meeting Room #6-2F	09:00	10:40	16 Jul.		6051355	Mission Analysis and On-Ground Experiment Plan of SEIRIOS: Micro-Satellite Formation Flying Infrared Interferometer Demonstration	The University of Tokyo	Satoshi Ikari
f-5	Formation Flying	Meeting Room #6-2F	09:00	10:40	16 Jul.		6055301	Phasing a Sparse Synthetic Aperture Telescope with Image-Based Active Optics	Meisei University	Norihide Miyamura
f-5	Formation Flying	Meeting Room #6-2F	09:00	10:40	16 Jul.		6053372	Relative Orbit Determination of Satellites by Radio Waves considering Steady Antenna Deflection	Nagoya University	Sho Watanabe
f-6	Attitude and Propulsion Hardware 1	Meeting Room #6-2F	11:00	12:40	16 Jul.		6053193	Separation of Stray Magnetic Fields in 3U CubeSats Using Multiple Magnetometers and Blind Source Separation method	Kyushu Institute of Technology	Enkhmend Ochirsukh
f-6	Attitude and Propulsion Hardware 1	Meeting Room #6-2F	11:00	12:40	16 Jul.		6053012	Evaluation of Illumination Effects and Error Mitigation for Target-Tracking and Imaging Systems for Vision-Based Proximity Flyby	Nagoya University	Shohei Kamano
f-6	Attitude and Propulsion Hardware 1	Meeting Room #6-2F	11:00	12:40	16 Jul.		6053034	Design and Development of Earth Sensor for Nanosatellite by using Thermopile Detectors	Kyushu Institute of Technology	Ratatamanun Subsinchai
f-6	Attitude and Propulsion Hardware 1	Meeting Room #6-2F	11:00	12:40	16 Jul.		6064722	Discussions on Fault-tolerant Attitude	Meijo University	Kikuko Miyata

#35 ISTS Tentative Programme

Title of session	Session名	Venue	Session Time		DATE	Presentati on format	No.	Title	Affiliations	presenter
			Start	end						
f-6	Attitude and Propulsion Hardware 1	Meeting Room #6-2F	11:00	12:40	16 Jul.		6065705	Construction of a Mathematical Model of Attitude Control System	Teikyo University	Yuta Seta
f-7	Attitude and Propulsion Hardware 2	Meeting Room #6-2F	14:00	15:40	16 Jul.		6051545	Study to Extend Catalyst Life on Microsatellite-Friendly Multi-Purpose Propulsion System	Tokyo Metropolitan University	Ken Otsuka
f-7	Attitude and Propulsion Hardware 2	Meeting Room #6-2F	14:00	15:40	16 Jul.		6065279	Low Pressure Vessel of Xenon for Small Satellite using Metal Organic Frameworks	Japan Aerospace Exploration Agency	Ryudo Tsukizaki
f-7	Attitude and Propulsion Hardware 2	Meeting Room #6-2F	14:00	15:40	16 Jul.		6033597	VEKTOR-FDA: Progress in Developing a Multi Degree of Freedom Fluid Dynamic Attitude Control Actuator Using Liquid Metal for Small Satellites	Technical University of Berlin	Huu Quan Vu
f-7	Attitude and Propulsion Hardware 2	Meeting Room #6-2F	14:00	15:40	16 Jul.		6053611	Charging in Low-Earth Orbit for Orbit Control of Nanosatellites Using Electrodes with Potential Difference	Nagoya University	Yu Seike
f-7	Attitude and Propulsion Hardware 2	Meeting Room #6-2F	14:00	15:40	16 Jul.	取り消し	6048143	1U Module of Microsatellite-Friendly Multi-Purpose Propulsion System	Tokyo Metropolitan University	Yuki Okubo
f-8	Simulators	Meeting Room #6-2F	16:00	17:40	16 Jul.		6065588	Demonstration of a six-degree-of-freedom hardware simulator for micropropulsion using a miniaturized water ion thruster	The University of Tokyo	Isamu Moriai
f-8	Simulators	Meeting Room #6-2F	16:00	17:40	16 Jul.		6052268	CubeSim and Spacecraft Maneuver Planning	FOTEC Forschungs- und Technologiezentrum	Bernhard Seifert
f-8	Simulators	Meeting Room #6-2F	16:00	17:40	16 Jul.		6065581	Development of a Fully Functional 360 degrees Self Balancing Attitude Control Test Bench for 1U CubeSats	Kyushu Institute of Technology	Wenceslao Bejarano Torres
f-8	Simulators	Meeting Room #6-2F	16:00	17:40	16 Jul.		6017849	Satellite Swim Lane: the prototype	Cabinet Olivier PONS	Olivier C. Pons
f-8	Simulators	Meeting Room #6-2F	16:00	17:40	16 Jul.		6052241	Image Reconstruction Method for Formation Flying Infrared Space Interferometer Using Inverse Radon Transform	The University of Tokyo	Takumi Ogawa
f-9	Structure and Thermal Design 1	Meeting Room #6-2F	9:00	10:40	17 Jul.		6053038	Development of thermal design and analysis of 2U satellite "BIRDS-X Dragon Fly" and its on-orbit Temperature data	Kyushu Institute of Technology	Hirokazu Masui
f-9	Structure and Thermal Design 1	Meeting Room #6-2F	9:00	10:40	17 Jul.		6053660	Development of a portable thermal vacuum chamber system using Peltier devices	Kyushu institute of tecnology	Sota Miyajima

#35 ISTS Tentative Programme

Title of session	Session名	Venue	Session Time		DATE	Presentati on format	No.	Title	Affiliations	presenter
			Start	end						
f-9	Structure and Thermal Design 1	Meeting Room #6-2F	9:00	10:40	17 Jul.		6053900	Thermal Design of PRELUDE, A Nano-Satellite for Observing Earthquake-Preceding Ionospheric Fluctuation Phenomena	Nihon University	Masahiko Yamazaki
f-9	Structure and Thermal Design 1	Meeting Room #6-2F	9:00	10:40	17 Jul.		6064437	Thermal analysis of the wooden CubeSat	Kyoto University	Sakutaro Nogi
f-10	Structure and Thermal Design 1	Meeting Room #6-2F	11:00	12:40	17 Jul.		6053020	Radiation Interference Analysis of Deployable Structures in CubeSats	Yonsei University	Dukmin Jang
f-10	Structure and Thermal Design 1	Meeting Room #6-2F	11:00	12:40	17 Jul.		6065635	Next generation CubeSat structure design for fragments self-capture after collisions	INEGI – Institute of Science and Innovation	Hamed Akhavan
f-10	Structure and Thermal Design 1	Meeting Room #6-2F	11:00	12:40	17 Jul.		6053031	Optimized of a Deployment Mechanism for Thin-Film Solar Cells on 3U CubeSat: Design, Analysis, and Testing	Kyushu Institute of Technology	Hery Steven Mindarno
f-10	Structure and Thermal Design 1	Meeting Room #6-2F	11:00	12:40	17 Jul.		6059776	Proposal of wireless sensor node with wireless power transfer	Japan Aerospace Exploration Agency	Naoto Usami
f-10	Structure and Thermal Design 1	Meeting Room #6-2F	11:00	12:40	17 Jul.		6065752	Structure Development of Earthquake Resistant CubeSat	Nihon University	Shunsaku Nakamura
f-11	Operations	S1 Room 1F	16:00	17:40	17 Jul.		6053382	Development and Practical Application of a Numerical Simulator for Operation Plan Validation of ONGLAISAT	The University of Tokyo	Riki Nakamura
f-11	Operations	S1 Room 1F	16:00	17:40	17 Jul.		6065518	Report on Earth Observation Missions and Ground Station Management using On-Demand Satellite Operation System	Tohoku University	Yuji Sakamoto
f-11	Operations	S1 Room 1F	16:00	17:40	17 Jul.		6051527	New Three Dimensional Phased Array Antenna for Simultaneous Communications with Small Satellites	WaveArrays	NOBUYUKI KAYA
f-11	Operations	S1 Room 1F	16:00	17:40	17 Jul.		6052635	AI based satellite system architecture to detect and classify ship activities	Technological Institute of Aeronautics	Renan G. Soares Menezes
f-11	Operations	S1 Room 1F	16:00	17:40	17 Jul.		6053923	Improvement of Autonomous Mission Scheduling Planner for Actual Micro/Nano Satellite Implementation	Meijo University	Yuma Sato
g-1	Space Transportation system	S2 Room1F	09:00	10:40	15 Jul.		6064672	Overview of R&D activities on launcher’s first stage reusability lead by CNES Space Transportation Directorate	CNES	Elisa Cliquet Moreno

#35 ISTS Tentative Programme

Title of session	Session名	Venue	Session Time		DATE	Presentati on format	No.	Title	Affiliations	presenter
			Start	end						
g-1	Space Transportation system	S2 Room1F	09:00	10:40	15 Jul.		6053734	CALLISTO Approach and Landing System: Lessons Learned from the Deployment Control Unit Development	DLR	Janis S. Haeseker
g-1	Space Transportation system	S2 Room1F	09:00	10:40	15 Jul.		6048018	Design Strategy for Fast-Access Revisit Orbits of Reusable Unmanned Space Vehicle	Yonsei University	Jinah Lee
g-1	Space Transportation system	S2 Room1F	09:00	10:40	15 Jul.		6064832	Economic Evaluation of Mission Architectures for Cislunar Space and Beyond Using Orbital Transfer Vehicles	JAXA	Yusuke Oki
g-2	Propulsion systems	S2 Room1F	11:00	12:40	15 Jul.		6032422	From 1000 to 3000 kN liquid rocket engine, development logic and main issues	CNES	Pierre BELLEOUD
g-2	Propulsion systems	S2 Room1F	11:00	12:40	15 Jul.		6052045	Transient Simulation of Cavitation in a Turbopump Inducer	DLR	Christopher Groll
g-2	Propulsion systems	S2 Room1F	11:00	12:40	15 Jul.		6052562	1D-3D Coupled Analysis for LOX Regenerative-Cooling Type SOFT Hybrid Rocket Engine	Cybernet Systems Co., Ltd.	Mikiro Motoe
g-2	Propulsion systems	S2 Room1F	11:00	12:40	15 Jul.		6065369	Experimental Launch of 500g-10N-Class Microwave Rocket at Various Repetitive Pulse Frequencies	The University of Tokyo	Kosuke irie
g-3	Aerodynaics	S2 Room1F	14:00	15:40	15 Jul.		6065739	Flowfield Visualization and Mechanism Estimation on Aerodynamics Generated by Attitude Rates of a Small-scale Supersonic Flight Experiment Vehicle Being Developed	Muroran Institute of Technology	Yuuki Yokota
g-3	Aerodynaics	S2 Room1F	14:00	15:40	15 Jul.		6065794	Prediction of Propulsion-Aerodynamics Interference of a Rocked-Based Combined Cycle Spaceplane	Muroran Institute of Technology	Ryunosuke Kumada
g-3	Aerodynaics	S2 Room1F	14:00	15:40	15 Jul.		6065355	Evaluation of changes in aerodynamic characteristics due to engine intake and exhaust flows of the Small-scale Supersonic Flight Experiment Vehicle	Muroran Institute of Technology	Masafumi Yasuda
g-3	Aerodynaics	S2 Room1F	14:00	15:40	15 Jul.		6064826	Numerical Analysis of 1-DOF Free Oscillation Behaviour of Thin-Aeroshell in a Wind Tunnel in Subsonic Region	Hokkaido University	Sota Takano
h-1	Material and Combustion Science	S3 Room 1F	9:00	10:40	15 Jul.		6052957	Interfacial Phenomena of Compound Drop by Liquid Iron and Molten Oxide Using Electrostatic Levitation Furnace under Microgravity Conditions	Gakushuin University	Masahito Watanabe

#35 ISTS Tentative Programme

Title of session	Session名	Venue	Session Time		DATE	Presentati on format	No.	Title	Affiliations	presenter	
			Start	end							
h-1	Material and Combustion Sci	S3 Room 1F	9:00	10:40	15 Jul.		6053786	Cool Flame Diameter of Single n-Decane Droplet Spontaneous Ignition Experiment under Microgravity using a TEXUS Rocket	Nihon University, College of Science and Technology	Kazuki	Iemura
h-1	Material and Combustion Sci	S3 Room 1F	9:00	10:40	15 Jul.		6053896	One-dimensional Calculation of Single Oxygen Droplet Evaporation in a Hydrogen Atmosphere over a Wide Range of Pressures	Faculty of Engineering, Kyushu University	Shion	Ando
h-1	Material and Combustion Sci	S3 Room 1F	9:00	10:40	15 Jul.		6058661	Analysis of extinction limits of spreading flames over PMMA Rods in concurrent flows under various gravity conditions	Department of Aeronautics and Astronautics, The University of Tokyo	Ryudai	Hasegawa
h-2	Gravity-related Technology	S3 Room 1F	11:00	12:40	15 Jul.		6052967	Numerical and experimental study on regolith dispersal phenomena during probe landing	Graduate School of Frontier Sciences, Advanced Energy Department	Tomohiro	Ishikawa
h-2	Gravity-related Technology	S3 Room 1F	11:00	12:40	15 Jul.		6064566	Design of Horn Shape for Free Space Capture Using Spacecraft Relative Acceleration	The University of Tokyo	Yuto	Nakagawa
h-2	Gravity-related Technology	S3 Room 1F	11:00	12:40	15 Jul.		6051910	Fundamental Study on Pneumatic Cylinder for Gravity Compensation System	Tokyo City University	Tomohisa	Nakamachi
h-2	Gravity-related Technology	S3 Room 1F	11:00	12:40	15 Jul.		6065307	Development of a Variable Gravity Generator with a Capsule Stabilizer for Reproducing Sustainable Mars Gravity	Naruto University of Education	Takehito	Nagaike
i-1	Spacecraft Thermal Control	S3 Room 1F	14:00	15:40	15 Jul.		6063303	Preliminary test of cryogenic microjet cooling for heat shields	Nagoya University	Stefan Oshima	
i-1	Spacecraft Thermal Control	S3 Room 1F	14:00	15:40	15 Jul.		6053860	Thermal Conductivity Measurement Test of Metal Mesh for Spaceborne Antenna	Korea Aerospace University	Hyunmo Sung	
i-1	Spacecraft Thermal Control	S3 Room 1F	14:00	15:40	15 Jul.		6057215	Development and Performance Verification for a Fuel Heating Test Facility	Japan Aerospace Exploration Agency	Tatsushi Isono	
i-2	Spacecraft Thermal Control	S3 Room 1F	16:00	17:40	15 Jul.		6052028	Efficient and Detailed Thermal Analysis with Multimodal Simulation Integrating Orbit, Attitude, and Power States	The University of Tokyo	Kai Nakamura	

#35 ISTS Tentative Programme

Title of session	Session名	Venue	Session Time		DATE	Presentati on format	No.	Title	Affiliations	presenter
			Start	end						
i-2	Spacecraft Thermal Control	S3 Room 1F	16:00	17:40	15 Jul.		6053573	Technology demonstration of power dissipation strategies using high thermal conductivity materials in 3U CubeSat	Kyushu Institute of Technology	Reynel Josue Galindo Rosales
i-2	Spacecraft Thermal Control	S3 Room 1F	16:00	17:40	15 Jul.		6053582	CURTIS: Thermal analysis comparison between pre-flight simulation data and on-orbit results of 3U CubeSat	Kyushu Institute of Technology	Reynel Josue Galindo Rosales
i-2	Spacecraft Thermal Control	S3 Room 1F	16:00	17:40	15 Jul.		6053899	Development of a Small-Scale Rhombic Drive Mechanism Stirling Cooler Applied in Active Thermal Control System	Feng Chia University	Jhen-Syuan Huang
j-1	Optical communications	S4 Room 1F	09:00	10:40	15 Jul.		6051161	Analysis of uncertainty in confirmation of laser beam propagation direction	Tokai University	Zhuoran Du
j-1	Optical communications	S4 Room 1F	09:00	10:40	15 Jul.		6051589	Backup Routing Method for Optical Satellite Networks: Addressing Orbital-Motion-Induced Link Switches and Sudden Link Failures	The University of Tokyo	Kazuki Takashima
j-1	Optical communications	S4 Room 1F	09:00	10:40	15 Jul.		6052162	A Distributed Time Synchronization Strategy for LEO PNT Constellations Supported by Optical Links	The University of Tokyo	Vinicius Ferreira Nery
j-1	Optical communications	S4 Room 1F	09:00	10:40	15 Jul.		6053028	Design of the Demonstrational Laser Communication Terminal and Experimental Results of its Optical Bench Model	The University of Tokyo	Yuki Kusano
j-1	Optical communications	S4 Room 1F	09:00	10:40	15 Jul.		6053059	Study on Infrared Camera Based Integrated Acquisition and Tracking System for Deep-Space Optical Communication in Micro Satellite	The University of Tokyo	Hideki Takamoto
j-2	Propagation	S4 Room 1F	11:00	12:40	15 Jul.		6048535	Comparison of measurement results for the effect of aircraft fuselage on the antenna radiation pattern and PFD Limits for Resolution 169 (WRC19)	National Institute of Information and Communications Technology	Takuya Okura
j-2	Propagation	S4 Room 1F	11:00	12:40	15 Jul.		6045915	Structured Radio Waves for Multiplex Communications and Radar Imaging	Hitachi, Ltd. Research & Development Group	Yosuke Tanabe
j-2	Propagation	S4 Room 1F	11:00	12:40	15 Jul.		6050389	Study on partial detection of orbital angular momentum in radio wave	Hitachi, Ltd. Research & Development Group	Hisatoshi Kimura
j-2	Propagation	S4 Room 1F	11:00	12:40	15 Jul.		6050631	A Study on RF Antennas for Various Inter-Satellite Network Topologies in Dense Formation Flying of Multiple PicoSats	Microwave Factory Co.,Ltd.	Genma Hattori
j-2	Propagation	S4 Room 1F	11:00	12:40	15 Jul.		6053450	On-board Array-fed Reflector Antenna for Dual Circular Polarization with low cross-polarization in 21-GHz-band Satellite Broadcasting	Science & Technology Research Laboratories, Japan Broadcasting Corporation	MASASHI KAMEI

#35 ISTS Tentative Programme

Title of session	Session名	Venue	Session Time		DATE	Presentati on format	No.	Title	Affiliations	presenter
			Start	end						
j-3	Componets and Systems	S4 Room 1F	14:00	15:40	15 Jul.		6032561	Next-Generation Relay Radios for the Moon and Mars	Jet Propulsion Laboratory	M. Michael Kobayashi
j-3	Componets and Systems	S4 Room 1F	14:00	15:40	15 Jul.		6053946	Enhancing RF System Performance in Low Earth Orbit with ONYX Series Oscillators and Subsequent Developments	Quantic Wenzel	Mike Sawicki
j-3	Componets and Systems	S4 Room 1F	14:00	15:40	15 Jul.		6065160	Assessment of Doppler effect on LoRa communication in 1U CubeSat: insights from MicroOrbiter-1 satellite	Kyushu Institute of Technology	Nova Maras Nurul Khamsah
j-3	Componets and Systems	S4 Room 1F	14:00	15:40	15 Jul.		6064374	A Feedback Control Approach for Signal Quality Improvement in Phase Array Antenna System	Department of Electrical Engineering, National Cheng Kung University	Wei-Jau Siao
j-4	Air and ground systems	S4 Room 1F	16:00	17:40	15 Jul.		6052657	Study on sophisticating weather prediction for high-frequency wireless communication in Non-Terrestrial Network	NTT Corporation	Takahiro Ohno
j-4	Air and ground systems	S4 Room 1F	16:00	17:40	15 Jul.		6053318	Impact of Measurement Conditions on the Refractive Index Structure Constant in Horizontal Optical Propagation	Faculty of Systems Design, Tokyo Metropolitan University	Hideki Takenaka
j-4	Air and ground systems	S4 Room 1F	16:00	17:40	15 Jul.		6053650	Analysis of Ground Network Layout Corresponding to Inclined Orbital Constellation	Infostellar Inc.	Masaya Kameyama
k-1	Lunar Exploration and Utilization (1)	S4 Room 1F	09:00	10:40	16 Jul.		6065661	Status of the Unprecedented Zipangu U	JAXA	Junichi Haruyama
k-1	Lunar Exploration and Utilization (1)	S4 Room 1F	09:00	10:40	16 Jul.		6051885	The Behavior of Water Molecules Inside	ate University of Advanced Studies, S	Nao Shinohara
k-1	Lunar Exploration and Utilization (1)	S4 Room 1F	09:00	10:40	16 Jul.		6027844	Study on Measuring Method of Water C	Yokogawa Electric Corporation	Akihiro Murata
k-1	Lunar Exploration and Utilization (1)	S4 Room 1F	09:00	10:40	16 Jul.		6052797	Changes in Evaporated Species with Su	The University of Tokyo	Lucas-Brian Christen

#35 ISTS Tentative Programme

Title of session	Session名	Venue	Session Time		DATE	Presentati on format	No.	Title	Affiliations	presenter
			Start	end						
k－1	Lunar Exploration and Utilization (1)	S4 Room 1F	09:00	10:40	16 Jul.		6065198	Electrochemical Oxygen Evolution from	Doshisha University	Seiya Tanaka
k－2	Lunar Exploration and Utilization (2), Lunar and Planetary Rover (1)	S4 Room 1F	11:00	12:40	16 Jul.		6064497	A Conceptual Design of the Lunar Mete	Astronautical Science, Japan Aerospa	Takahiro Iwata
k－2	Lunar Exploration and Utilization (2), Lunar and Planetary Rover (1)	S4 Room 1F	11:00	12:40	16 Jul.		6064754	Tiny lunar rover for lowering the hurdle	Astronautical Science, Japan Aerospa	Tetsuo YOSHIMITSU
k－2	Lunar Exploration and Utilization (2), Lunar and Planetary Rover (1)	S4 Room 1F	11:00	12:40	16 Jul.		6064370	Development Status of the Lunar Polar	Japan Aerospace Exploration Agency	Lisa Katoh
k－2	Lunar Exploration and Utilization (2), Lunar and Planetary Rover (1)	S4 Room 1F	11:00	12:40	16 Jul.		6052500	Science-Aware Path Planning for Lunar	Keio University	Risa Ito
k－2	Lunar Exploration and Utilization (2), Lunar and Planetary Rover (1)	S4 Room 1F	11:00	12:40	16 Jul.		6053512	Accuracy Analysis of Lunar Position Es	ring and Information Systems Gradua	Kento Mizunuma
k－3	Lunar and Planetary Rover (2), Space Robotics (1)	S4 Room 1F	14:00	15:40	16 Jul.		6064569	VR-Based Sonification for Rover Opera	The University of Aizu	Takehiro Tsunoda
k－3	Lunar and Planetary Rover (2), Space Robotics (1)	S4 Room 1F	14:00	15:40	16 Jul.		6053420	Towards Explainable Anomaly Detection	anned Space Systems Corporation (C	Shota Iino
k－3	Lunar and Planetary Rover (2), Space Robotics (1)	S4 Room 1F	14:00	15:40	16 Jul.		6047403	Development of Stiffness Adaptive Whe	Keio University, Ishigami Laboratory	Benoit Chi Khiem Lam Quang Vinh
k－3	Lunar and Planetary Rover (2), Space Robotics (1)	S4 Room 1F	14:00	15:40	16 Jul.		6065662	Discussion on Planetary Rover Localiza	Meijo University	Serika Yokoyama
k－3	Lunar and Planetary Rover (2), Space Robotics (1)	S4 Room 1F	14:00	15:40	16 Jul.		6067701	Self-Healing Wire System Using Conduc	Kyoto University	Masato Adachi
k－4	Space Robotics (2)	S4 Room 1F	16:00	17:40	16 Jul.		6058877	Optimal Control of Deep Space Manipul	Tokyo University	Fumiya Aono
k－4	Space Robotics (2)	S4 Room 1F	16:00	17:40	16 Jul.		6062547	A Study of Claw-type Docking and Rele	Institute of Science Tokyo	Tomoharu Tanaka

#35 ISTS Tentative Programme

Title of session	Session名	Venue	Session Time		DATE	Presentati on format	No.	Title	Affiliations	presenter
			Start	end						
k-4	Space Robotics (2)	S4 Room 1F	16:00	17:40	16 Jul.		6062570	Towards 3D Printing in Orbit: Disturban	The University of Sydney	Jiashu Wu
k-4	Space Robotics (2)	S4 Room 1F	16:00	17:40	16 Jul.		6065113	Attention-Based Reinforcement Learnin	ed Interdisciplinary Studies, The Univ	Henrik Krauss
k-4	Space Robotics (2)	S4 Room 1F	16:00	17:40	16 Jul.	取り消し	6065590	Innovative Propulsion Strategies for Ro	Tokyo Metropolitan University	Sajjad Keshtkar
k-5	Exploration and Technologies for Mars and its moons	S4 Room 1F	09:00	10:40	17 Jul.		6064547	Martian Moons eXploration (MMX) Deve	Japan Aerospace Exploration Agency	Yasuhiro Kawakatsu
k-5	Exploration and Technologies for Mars and its moons	S4 Room 1F	09:00	10:40	17 Jul.		6053081	Physical characterization of incident mi	Chiba Institute of Technology	Masanori Kobayashi
k-5	Exploration and Technologies for Mars and its moons	S4 Room 1F	09:00	10:40	17 Jul.		6065025	Conceptual design and Evaluation of flig	Tohoku University	Rika Kimura
k-5	Exploration and Technologies for Mars and its moons	S4 Room 1F	09:00	10:40	17 Jul.		6065400	Mars Landing System using Tensegrity	Institute of Science Tokyo	Xin Ding
k-5	Exploration and Technologies for Mars and its moons	S4 Room 1F	09:00	10:40	17 Jul.	取り消し	6094017	NASA Robotic Mars Sample Return ? E	NASA Jet Propulsion Laboratory	Marcus A Lobbia
k-6	Exploration and Technologies for Space and Small bodies	S4 Room 1F	11:00	12:40	17 Jul.		6052271	Evolution of Active Spacecraft Potentia	Forschungs- und Technologietransfe	Johanna Fries
k-6	Exploration and Technologies for Space and Small bodies	S4 Room 1F	11:00	12:40	17 Jul.		6053404	GEO-X Mission: Demonstration for Dee	The University of Tokyo	Ryota Fuse
k-6	Exploration and Technologies for Space and Small bodies	S4 Room 1F	11:00	12:40	17 Jul.		6053575	Super-close Flyby in Hayabusa2 Extenc	Japan Aerospace Exploration Agency	Yuya Mimasu
k-6	Exploration and Technologies for Space and Small bodies	S4 Room 1F	11:00	12:40	17 Jul.		6064607	3D Visualization and Thermal Imaging fo	The University of Aizu	Ramon Vilardell Belles
k-6	Exploration and Technologies for Space and Small bodies	S4 Room 1F	11:00	12:40	17 Jul.		6065660	Entry, Descent, and Floating for Lake-h	Institute of Science Tokyo	Daisuke Akita

#35 ISTS Tentative Programme

Title of session	Session名	Venue	Session Time		DATE	Presentati on format	No.	Title	Affiliations	presenter
			Start	end						
m-1	Engineering experiment using sounding rocket and large balloon	S3 Room 1F	09:00	10:40	16 Jul.		6064581	An in-space operation project of a cylind	Nagoya University	Noboru Itouyama
m-1	Engineering experiment using sounding rocket and large balloon	S3 Room 1F	09:00	10:40	16 Jul.		6065195	Suborbital Reentry Flight Demonstration	Japan Aerospace Exploration Agency	Yasunori Nagata
m-1	Engineering experiment using sounding rocket and large balloon	S3 Room 1F	09:00	10:40	16 Jul.		6064149	Post Flight Report of Free Flight Test of	Japan Aerospace Exploration Agency	Kazuhiko Yamada
m-1	Engineering experiment using sounding rocket and large balloon	S3 Room 1F	09:00	10:40	16 Jul.		6065551	Study on Object Detections from Drone	JAXA	Shun Imai
m-2	Flight test with large scientfc balloon	S3 Room 1F	11:00	12:40	16 Jul.		6065715	Estimation of Structural Deformation of	Kanazawa University	Yasuhiro Shoji
m-2	Flight test with large scientfc balloon	S3 Room 1F	11:00	12:40	16 Jul.		6065804	Development of the Balloon-borne Tele	Kanazawa University	Yasuhiro Shoji
m-2	Flight test with large scientfc balloon	S3 Room 1F	11:00	12:40	16 Jul.		6065293	KaGErOFU: Exploring Observational Op	Kanazawa University	Tatsuya Sawano
m-2	Flight test with large scientfc balloon	S3 Room 1F	11:00	12:40	16 Jul.		6053334	The Biopause project: balloon experime	Chiba Institute of Technology	Sohsuke Ohno
m-3	Flight test with small balloons	S3 Room 1F	14:00	15:40	16 Jul.		6063760	Effect of Center of Gravity and Moment	Japan Aerospace Exploration Agency	Hideto Takasawa
m-3	Flight test with small balloons	S3 Room 1F	14:00	15:40	16 Jul.		6056035	HIGH-altitude Propeller Evaluation Res	Tohoku University	Masaki Okawa
m-3	Flight test with small balloons	S3 Room 1F	14:00	15:40	16 Jul.		6053555	Development and Flight Testing of a Pr	Seikei University	Masafumi Edamoto
n-1	SAR Applications	S1 Room 1F	09:00	10:40	18 Jul.		6034327	ALOS series PPP demonstration projec	JAXA	Shinichi Sobue
n-1	SAR Applications	S1 Room 1F	09:00	10:40	18 Jul.	取り消し	6041325	CH4Rice project with Asian space agen	JAXA	Go Segami

#35 ISTS Tentative Programme

Title of session	Session名	Venue	Session Time		DATE	Presentati on format	No.	Title	Affiliations	presenter
			Start	end						
n－1	SAR Applications	S1 Room 1F	09:00	10:40	18 Jul.		6053559	Rice Mapping using ALOS-2 PALSAR-2	JAXA	Kei Oyoshi
n－1	SAR Applications	S1 Room 1F	09:00	10:40	18 Jul.		6050240	Comprehensive studies on Corner Reflectors	Jain (Deemed – to – be University)	Honey Kumari
n－1	SAR Applications	S1 Room 1F	09:00	10:40	18 Jul.		6065439	Novel Approach to SAR Image registration	JAXA	Yosuke Takeo
n－2	Envrionmental Monitoring I	S1 Room 1F	11:00	12:40	18 Jul.	削除する	6044612	Assessment of Building Damage at the	Nihon University	Takashi Nonaka
n－2	Envrionmental Monitoring I	S1 Room 1F	11:00	12:40	18 Jul.		6053909	A Study of In-Orbit Tsunami Observation	Nihon University	Takumi Suzuki
n－2	Envrionmental Monitoring I	S1 Room 1F	11:00	12:40	18 Jul.		6053445	Accuracy Improvement of Image Recognition	Graduate Department of Aerospace	Hiroto Katsuki
n－2	Envrionmental Monitoring I	S1 Room 1F	11:00	12:40	18 Jul.		6053600	Comparison of GPM precipitation products	JAXA	Nao Yoshida
n－2	Envrionmental Monitoring I	S1 Room 1F	11:00	12:40	18 Jul.		6050933	Distributed Precipitation Radar Constellation	JAXA	Yuki Morimoto
n－3	Envrionmental Monitoring II	S1 Room 1F	14:00	15:40	18 Jul.		6053029	Overview and Updates of GOSAT-GW/	JAXA	Rigen Shimada
n－3	Envrionmental Monitoring II	S1 Room 1F	14:00	15:40	18 Jul.		6052503	A Study of the Impact of Soil Moisture	JAXA	Kentaro Aida
n－3	Envrionmental Monitoring II	S1 Room 1F	14:00	15:40	18 Jul.		6051859	Development of digital processor for 0.5	Yamaguchi University	Yuya Nomo
n－3	Envrionmental Monitoring II	S1 Room 1F	14:00	15:40	18 Jul.		6065434	Feasibility of Observation Methods for 7	Hokkaido University	Tsuyoshi Totani
n－3	Envrionmental Monitoring II	S1 Room 1F	14:00	15:40	18 Jul.		6053138	Intercomparison of cloud products derived	JAXA	Masataka Muto

#35 ISTS Tentative Programme

Title of session	Session名	Venue	Session Time		DATE	Presentati on format	No.	Title	Affiliations	presenter
			Start	end						
n-3	Envrionmental Monitoring II	S1 Room 1F	14:00	15:40	18 Jul.		6063987	Analysis of Oceanic Eddies, Ekman Tran	Yamaguchi University	Made Wirakumara Kamasan Kamasa
q-1	Space Power Systems and Technologies I	S4 Room 1F	14:00	15:40	17 Jul.		6053638	Development of Solar Arrays and Li-ion Batteries for Ultra-small Mars Lander	JAXA	Hiroyuki Toyota
q-1	Space Power Systems and Technologies I	S4 Room 1F	14:00	15:40	17 Jul.		6052042	Exploration of Qualification Testing Methods for All Solid-State Lithium-Ion Battery	Kyushu Institute of Technology	Ndukayo Zamba Leonel
q-1	Space Power Systems and Technologies I	S4 Room 1F	14:00	15:40	17 Jul.		6050602	Resistance evaluation of perovskite solar cells	JAXA	Yoshiyuki Murakami
q-1	Space Power Systems and Technologies I	S4 Room 1F	14:00	15:40	17 Jul.		6051651	Lean Satellite Approach on Thermal Tests for Solar Cells Space Qualification	Kyushu Institute of Technology	Marco Rosa
q-2	Space Power Systems and Technologies II	S4 Room 1F	16:00	17:40	17 Jul.		6065362	Development of a system-level integrated model targeting satellite power control system	Japan Aerospace Exploration Agency	Kaname Kawatsu
q-2	Space Power Systems and Technologies II	S4 Room 1F	16:00	17:40	17 Jul.		6052240	High Voltage Busbar Design in Air at Critically Low Pressures	European Space Agency (ESA), European Space Research and Technology Centre (ESTEC)	Oliver Korashy
q-2	Space Power Systems and Technologies II	S4 Room 1F	16:00	17:40	17 Jul.		6052717	Ultra-Lightweight and Large-scale, Solar Arrays for Lunar Orbiting Power Satellites	Hosei University	Ryuya Kumagai
q-2	Space Power Systems and Technologies II	S4 Room 1F	16:00	17:40	17 Jul.		6052157	Analyze of wave propagation modes observed on a subscale Rotating Detonation Combustor fed with gaseous H2-O2	ONERA - The French Aerospace Lab / DLR - German Aerospace Center	Ewen BARD
q-3	Energy Systems for the Moon	S4 Room 1F	9:00	10:40	18 Jul.		6052718	Introduction of the Electrical Power Systems Study Results for the Moon Human Activities	Japan Space Systems	Koichi Ijichi
q-3	Energy Systems for the Moon	S4 Room 1F	9:00	10:40	18 Jul.		6065617	Power Supply by Lunar Solar Power System	Obayashi Corporation	Yoshihiro Kawakami
q-3	Energy Systems for the Moon	S4 Room 1F	9:00	10:40	18 Jul.		6065319	Investigation of the attachment of levitating lunar dust on the solar array panel	JAXA	Teppei Okumura
q-3	Energy Systems for the Moon	S4 Room 1F	9:00	10:40	18 Jul.		6051680	Space Solar Power to Enable Lunar Surface Operations	International Academy of Astronautics	John Carlton Mankins

#35 ISTS Tentative Programme

Title of session	Session名	Venue	Session Time		DATE	Presentati on format	No.	Title	Affiliations	presenter
			Start	end						
q-3	Energy Systems for the Moon	S4 Room 1F	9:00	10:40	18 Jul.		6064207	Conceptual study of energy supply system from lunar orbit	Japan Aerospace Exploration Agency	Koji Tanaka
q-4	Solar Power Satellite I	S4 Room 1F	11:00	12:40	18 Jul.		6051674	Results of an Independent International Assessment of Space Solar Power	International Academy of Astronautics	John Carlton Mankins
q-4	Solar Power Satellite I	S4 Room 1F	11:00	12:40	18 Jul.		6052680	The Development Results of the SSPS Project and the current status of the OHISAMA Project	Japan Space Systems	Koichi Ijichi
q-4	Solar Power Satellite I	S4 Room 1F	11:00	12:40	18 Jul.		6065233	Trade-Off Analysis of the wireless Power Transfer Efficiency and Fuel Consumption of the Planar Space-Based Solar Power Concept in Geostationary Orbit	University of the Philippines	Charleston Dale M Ambatali
q-4	Solar Power Satellite I	S4 Room 1F	11:00	12:40	18 Jul.		6053807	Evaluation of on-orbit deformation of the thinner main structure of a solar-powered satellite	Hosei University	Takumi Horibe
q-4	Solar Power Satellite I	S4 Room 1F	11:00	12:40	18 Jul.		6052994	Thermal Studies of thinner structures for power generation and transmission panels of the Tethered-SPS	Hosei University	Yuta Katsuyama
q-5	Solar Power Satellite II	S4 Room 1F	14:00	15:40	18 Jul.		6064152	Mission System Development for OHISAMA Project	Japan Aerospace Exploration Agency	Koji Tanaka
q-5	Solar Power Satellite II	S4 Room 1F	14:00	15:40	18 Jul.		6052024	Ground pattern measurement system and preliminary evaluation results for transmitting APAA in long-distance wireless power transmission experiment by aircraft.	Toyo University	Yoshiyuki Fujino
q-5	Solar Power Satellite II	S4 Room 1F	14:00	15:40	18 Jul.		6051865	Experiments on Ground-Based Measurement of Two-Dimensional Antenna Pattern from Earth Observation Satellites	Toyo University	Hidetoshi Kataoka
q-5	Solar Power Satellite II	S4 Room 1F	14:00	15:40	18 Jul.		6053715	Examination of power receiving system for technology demonstration satellites in solar power generation satellites	Suwa University of Science	Naoki Warigai
q-6	WPT	S4 Room 1F	16:00	17:40	18 Jul.		6065265	Comparison of Long-Range Wireless Power Transfer Methods in the Implementation of Space-Based Solar Power	University of the Philippines	Charleston Dale M Ambatali
q-6	WPT	S4 Room 1F	16:00	17:40	18 Jul.		6052250	Calibration Method Combined with Digital Retrodirective System for Large-Scale Phased Arrays in Solar Power Satellites	The Graduate University for Advanced Studies (SOKENDAI)	Simon Maillot

#35 ISTS Tentative Programme

Title of session	Session名	Venue	Session Time		DATE	Presentati on format	No.	Title	Affiliations	presenter
			Start	end						
q-6	WPT	S4 Room 1F	16:00	17:40	18 Jul.		6053769	Experimental Evaluation of Beam Control Accuracy for Solar Power Satellites Using Software Retrodirective Method	Suwa University of Science	Tomu Matsutomo
q-6	WPT	S4 Room 1F	16:00	17:40	18 Jul.		6061922	Development of Transmitting Antenna Integrated with Thin-Film Solar Array	Hosei university	Yumi Kawai
r-1	Space debris, Risk Management of Space Objects(1)	S2 Room 1F	9:00	10:40	18 Jul.		6068544	Intentional robust disruption (IRD) of as	University of California, Santa Barbara	Brin Bailey
r-1	Space debris, Risk Management of Space Objects(1)	S2 Room 1F	9:00	10:40	18 Jul.		6061015	Orbit Precision Necessary for Collision	Japan Aerospace Exploration Agency	Hideaki Hinagawa
r-1	Space debris, Risk Management of Space Objects(1)	S2 Room 1F	9:00	10:40	18 Jul.		6053751	Cislunar Space Traffic Management Sys	The University of Tokyo	Sourav Ghosh
r-1	Space debris, Risk Management of Space Objects(1)	S2 Room 1F	9:00	10:40	18 Jul.		6052393	Effectiveness of Drag Augmentation in f	Kyushu University	Ryuji Nakawatase
r-1	Space debris, Risk Management of Space Objects(1)	S2 Room 1F	9:00	10:40	18 Jul.		6053308	Prediction of Ejecta Generation Behavior	The University of Tokyo	Souichi Maruyama
r-2	Space debris, Risk Management of Space Objects(2)	S2 Room 1F	11:00	12:40	18 Jul.		6052683	Hydrocode Simulations and Risk Manag	te University for Advanced Studies (C	Simon Maillot
r-2	Space debris, Risk Management of Space Objects(2)	S2 Room 1F	11:00	12:40	18 Jul.		6067747	The SKALE Project's Integrated Approa	sity of Stuttgart, Institute of Space S	Daniel Andre Galla
r-2	Space debris, Risk Management of Space Objects(2)	S2 Room 1F	11:00	12:40	18 Jul.		6052543	Parameter Optimisation for Preservation	Tokyo Metropolitan University	WEIKANG CHONG
r-2	Space debris, Risk Management of Space Objects(2)	S2 Room 1F	11:00	12:40	18 Jul.		6053053	Towards Efficient Capture in Space: So	Tokyo Metropolitan University	Alfredo Puente-Flores
r-2	Space debris, Risk Management of Space Objects(2)	S2 Room 1F	11:00	12:40	18 Jul.		6052822	Laser Ablation of Aluminum Oxide in Si	St Cloud State University	Matthew Molenaar
r-3	Space debris, Removal and Social Impact	S2 Room 1F	14:00	15:40	18 Jul.		6065059	Laser Orbital Debris Removal of Magne	St Cloud State University	Matthew Molenaar

#35 ISTS Tentative Programme

Title of session	Session名	Venue	Session Time		DATE	Presentati on format	No.	Title	Affiliations	presenter
			Start	end						
r-3	Space debris, Removal and Social Impact	S2 Room 1F	14:00	15:40	18 Jul.		6052340	Update on Laser Orbital Debris Removal	te for Materials, Energetics and Com	John E. Sinko
r-3	Space debris, Removal and Social Impact	S2 Room 1F	14:00	15:40	18 Jul.		6003753	Laboratory Tests on Laser Orbital Debris	te for Materials, Energetics and Com	John E. Sinko
r-3	Space debris, Removal and Social Impact	S2 Room 1F	14:00	15:40	18 Jul.		6065840	Proposal for a Multi-Space Object Com	Institute of Science Tokyo	Kenichiro Takahashi
r-3	Space debris, Removal and Social Impact	S2 Room 1F	14:00	15:40	18 Jul.		6051581	Exploring Economic Incentives for Susta	Ritsumeikan University	Yokei Yamaguchi
r-4	Space environment	S2 Room 1F	16:00	17:40	18 Jul.		6064827	Study of electron beam propagation in i	Osaka Metropolitan University	Kosuke Orui
r-4	Space environment	S2 Room 1F	16:00	17:40	18 Jul.		6064691	Overview of Ground Testing Facilities fo	sity of Stuttgart, Institute of Space S	Alexander Schlitzer
r-4	Space environment	S2 Room 1F	16:00	17:40	18 Jul.		6065558	Evaluating Solar Cell Performance unde	Kyushu institute of technology	Sara Ramadan Aziz Ghaleb
t-1	Enhancing Practical Learning with MBSE in Universities	S2 Room 1F	09:00	10:40	17 Jul.		6053675	An Overview of the Development Plan f	Keio University	Kohei TANAKA
t-1	Enhancing Practical Learning with MBSE in Universities	S2 Room 1F	09:00	10:40	17 Jul.		6053727	Progress Report on Developing Educati	Keio University	Tsubasa Ito
t-1	Enhancing Practical Learning with MBSE in Universities	S2 Room 1F	09:00	10:40	17 Jul.		6053848	Visualization and Evaluation of Learning	Keio University	Ryoya Inomata
t-1	Enhancing Practical Learning with MBSE in Universities	S2 Room 1F	09:00	10:40	17 Jul.		6065781	Design of an Educational Program to Le	Nihon Univercity	Nagisa Sone
t-1	Enhancing Practical Learning with MBSE in Universities	S2 Room 1F	09:00	10:40	17 Jul.		6052936	PRELUDE CubeSat On-board Software	Nihon University	Masaki Naito
t-2	Integrating Model-Based Approaches for Space System Resilience	S2 Room 1F	11:00	12:40	17 Jul.		6051998	Investigation of a low-cost on-orbit sat	Tokyo Metropolitan University	Shun Katsube

#35 ISTS Tentative Programme

Title of session	Session名	Venue	Session Time		DATE	Presentati on format	No.	Title	Affiliations	presenter
			Start	end						
t-2	Integrating Model-Based Approaches for Space System Resilience	S2 Room 1F	11:00	12:40	17 Jul.		6053002	Development of a Design Support Tool	The University of Tokyo	Takato Hatae
t-2	Integrating Model-Based Approaches for Space System Resilience	S2 Room 1F	11:00	12:40	17 Jul.		6052080	MBSE/MBD Application to Combined C	Waseda University	Jaichi Utsunomiya
t-3	Transforming Business with Systems Engineering and IT in Manufacturing	S2 Room 1F	14:00	15:40	17 Jul.		6048393	Investigation of Mission Software Archi	Department, Kamakura Works, Mitsubishi	Yuna Tsuji
t-3	Transforming Business with Systems Engineering and IT in Manufacturing	S2 Room 1F	14:00	15:40	17 Jul.		6070050	Unveiling Space Security: Essential vs.	independent Cybersecurity Research	Pak Ho CHAN
t-3	Transforming Business with Systems Engineering and IT in Manufacturing	S2 Room 1F	14:00	15:40	17 Jul.		6053656	Consideration of the measure to improv	Infostellar Inc.	Ryan Proffitt
u-1	Space Education and Outreach for the Benefit of All People (1)	S3 Room 1F	9:00	10:40	17 Jul.		6051534	Transdisciplinary Human Capital Develo	Ritsumeikan Universtiy	Nobuaki Minato
u-1	Space Education and Outreach for the Benefit of All People (1)	S3 Room 1F	9:00	10:40	17 Jul.		6051574	Report of the Human Resource Develop	Kyushu Institute of Technology	Kentaro Kitamura
u-1	Space Education and Outreach for the Benefit of All People (1)	S3 Room 1F	9:00	10:40	17 Jul.		6053788	Reunion Island Space Center: Pioneerin	te of Polytechnic Science and Aeron	Esteban Decline
u-1	Space Education and Outreach for the Benefit of All People (1)	S3 Room 1F	9:00	10:40	17 Jul.		6064936	Strengthening Space Education Quality	Indiana Aerospace University	Jeremy Suan Bajado
u-1	Space Education and Outreach for the Benefit of All People (1)	S3 Room 1F	9:00	10:40	17 Jul.		6065432	A Tailored BIRDS Proto-Satellite Traini	ushu Institute of Technology – Kyute	Victor Hugo Schulz
u-2	Space Education and Outreach for the Benefit of All People (2)	S3 Room 1F	11:00	12:40	17 Jul.		6053828	Proposing evaluation method for overlap	kyushu Institute of Technology	Tetsuro Harada
u-2	Space Education and Outreach for the Benefit of All People (2)	S3 Room 1F	11:00	12:40	17 Jul.		6053916	Quantitative Risk Analysis Training Usir	Kyushu Institute of Technology	Yukihisa Otani

#35 ISTS Tentative Programme

Title of session	Session名	Venue	Session Time		DATE	Presentati on format	No.	Title	Affiliations	presenter
			Start	end						
u-2	Space Education and Outreach for the Benefit of All People (2)	S3 Room 1F	11:00	12:40	17 Jul.		6065748	The Space Engineering Education Effect	Tokai University	Yo Kawabata
u-2	Space Education and Outreach for the Benefit of All People (2)	S3 Room 1F	11:00	12:40	17 Jul.		6052013	Proposal for System Educational Method of System Design and Management		Remi Enomoto
u-3	Space Education and Outreach for the Benefit of All People (3)	S3 Room 1F	14:00	15:40	17 Jul.		6051941	Proposing a System Education Method of System Design and Management		Remi Enomoto
u-3	Space Education and Outreach for the Benefit of All People (3)	S3 Room 1F	14:00	15:40	17 Jul.		6049156	Spacecraft Comprehension with Training Digitalization Promotion Academy	Digitalization Promotion Academy	Toshiaki Iwata
u-3	Space Education and Outreach for the Benefit of All People (3)	S3 Room 1F	14:00	15:40	17 Jul.		6053812	A VR-Based Hands-on Learning Environment	Nihon University	Kazuya Ogawa
u-3	Space Education and Outreach for the Benefit of All People (3)	S3 Room 1F	14:00	15:40	17 Jul.		6058065	Meteor Detection on the CubeSat SOUTE Student Society of the University		Linus Koster
v-1	Space Policy and History	Tokiwa Hall 2F	11:00	12:40	15 Jul.		6065451	Project Apollo as a U.S. Space Policy: Review of Several Issues	Osaka University	Hiroataka Watanabe
v-1	Space Policy and History	Tokiwa Hall 2F	11:00	12:40	15 Jul.		6063635	The Kennedy Administration and the International Order for the Use of Outer Space	Nihon University	Yuichiro Nagai
v-1	Space Policy and History	Tokiwa Hall 2F	11:00	12:40	15 Jul.		6065622	The Impact of Space-to-Earth Weapons Concepts on the Stability of Space Use	National Institute for Defense Studies	Yasuhiro Fukushima
v-1	Space Policy and History	Tokiwa Hall 2F	11:00	12:40	15 Jul.		6046478	Short Review of Japan's Space Programs and Policies	National Institute for Defense Studies	Yasuaki Hashimoto
v-2	Space Law	Tokiwa Hall 2F	14:00	15:40	15 Jul.		6064711	The control of risks and the space law: the use of space insurance under the US and Japanese space law compared	Gakushuin University	Souichirou Kozuka
v-2	Space Law	Tokiwa Hall 2F	14:00	15:40	15 Jul.		6052308	National Regulatory Elements for Safety Zone in Outer Space	Institute of Space Law, Keio University	Yu Takeuchi
v-2	Space Law	Tokiwa Hall 2F	14:00	15:40	15 Jul.		6052853	An Analysis of the International Frameworks on Space Applications: A Case Study for the Future Consideration of the International SSA Framework	The University of Tokyo	Ikuko Kuriyama

#35 ISTS Tentative Programme

Title of session	Session名	Venue	Session Time		DATE	Presentati on format	No.	Title	Affiliations	presenter
			Start	end						
v-2	Space Law	Tokiwa Hall 2F	14:00	15:40	15 Jul.		6065770	The Future Role of the Moon Agreement	International Institute of Space Law	Masahiko Sato
v-3	Space Governance and Business	Tokiwa Hall 2F	16:00	17:40	15 Jul.		6051745	Comparison Analysis of Space Capabilities Assessment Methods	Taiwan Space Agency	Feng-Tai Hwang
v-3	Space Governance and Business	Tokiwa Hall 2F	16:00	17:40	15 Jul.		6052022	Space-enabled Innovations to Solve Earth's Issues	Yokogawa Electric Corporation	Satoru Kurosu
v-3	Space Governance and Business	Tokiwa Hall 2F	16:00	17:40	15 Jul.	CANCEL	6053166	Space Sails for International Collaboration in Space: History and Future Prospects	The University of Tokyo	Maximilien Berthet
v-3	Space Governance and Business	Tokiwa Hall 2F	16:00	17:40	15 Jul.		6069519	What strategies does Latitude employ to overcome challenges in licensing, launch range safety compliance and local regulations, ensuring the Zephyr launch vehicle maiden flight timeline is	LATITUDE SAS	Nicolas Tranchant
w-1	EEE components	S3 Room 1F	09:00	10:40	18 Jul.		6068704	Evaluation of the Space Adaptability of	JAXA	Hiroaki Kawara
w-1	EEE components	S3 Room 1F	09:00	10:40	18 Jul.		6053356	Investigation of Contribution of Proton I	JAXA	Keita Sakamoto Kensuke Shiba
w-1	EEE components	S3 Room 1F	09:00	10:40	18 Jul.		6052398	The latest activities related to the pass	JAXA	Tsuyoshi Nakagawa
w-1	EEE components	S3 Room 1F	09:00	10:40	18 Jul.		6050862	Efforts towards the reliability of mounti	JAXA	Isamu Higashino
w-2	Mission assurance	S3 Room 1F	11:00	12:40	18 Jul.		6053483	EEE parts Management Requirement fo	JAXA HIREC	Shinichiro Taura Tae Mochizuki
w-2	Mission assurance	S3 Room 1F	11:00	12:40	18 Jul.		6052469	Introduction to FIDES and comparison c	JAXA	Hideyuki Takahashi
w-2	Mission assurance	S3 Room 1F	11:00	12:40	18 Jul.		6051230	Update point of M&P Requirements for		

#35 ISTS Tentative Programme

Title of session	Session名	Venue	Session Time		DATE	Presentati on format	No.	Title	Affiliations	presenter
			Start	end						
w—2	Mission assurance	S3 Room 1F	11:00	12:40	18 Jul.		6053190	A Proposal of Attestation Architecture	Deloitte Tohmatsu Cyber LLC	Yuta Nakagawa
w—2	Mission assurance	S3 Room 1F	11:00	12:40	18 Jul.		6064328	Attitude Determination and Control Sub	Electrical Engineering, National Cheng	Yi-Ling Leung
w—3	Safety	S3 Room 1F	14:00	15:40	18 Jul.		6046019	Experimental Investigation of Safety As	Nihon University	Akiyo Takahashi
w—3	Safety	S3 Room 1F	14:00	15:40	18 Jul.		6048508	FRAM network for rocket propellants	Nihon University	Akiyo Takahashi
w—3	Safety	S3 Room 1F	14:00	15:40	18 Jul.		6049136	Radical optimizations in safety requirem	JAXA	Kenichi Sato
w—3	Safety	S3 Room 1F	14:00	15:40	18 Jul.		6053323	A Study of Problems of Evacuation Beh	Tokyo University of Science	Satoru Sasajima
w—3	Safety	S3 Room 1F	14:00	15:40	18 Jul.		6053759	Safety Assessment for HTV-X Common	JAXA	Haruka Tamaru
w—4	Safety	S3 Room 1F	16:00	17:40	18 Jul.					