資料番号	プログラム No.	タイトル（リンク）	著者名
SA6000039000		The 24th Workshop on JAXA Astrodynamics and Flight Mechanics	
SA6000039001	A-1	Attitude stabilization and overturning protection of the lunar-planetary lander with controlled landing gear system	Maeda, Takao・Otsuki, Masatsugu・Hashimoto, Tatsuaki
SA6000039002	A-2	Preliminary Study on Dynamics of Penetrator into Icy Object	Suzuki, Kojiro・Numba, Kazuya
SA6000039003	A-3	Penetration Test of Metal Pipe into Lightweight Concrete	Watanabe, Takeo・Fujii, Hironori A.・Sakamoto, Takeshi・Matsunaga, Genrokuro
SA6000039004	A-4	Mission analysis for a lander collecting samples at a Trojan asteroid part 1	Chujo, Toshihiro・Ono, Go・Matsumoto, Jun・Kikuchi, Shota・Mori, Osamu Shirasawa, Yoji
SA6000039005	A-5	Observation of Asymmetry at Centrifuge Deployment of Space Membrane Structures by Multi Particle Method Considering Mechanical Characteristic of Folds	Inoue, Ryota・Shirasawa, Yoji・Mori, Osamu・Mizumori, Tsukasa・Kitao, Satoshi
SA6000039006	A-6	Experimental Study on Asymmetric Spin Deployment of a Space Membrane Structure	Mizumori, Tsukasa・Shirasawa, Yoji・Mori, Osamu・Tsunoda, Hiroaki・Inoue, Ryota Kitao, Satoshi
SA6000039007	A-7	Windmill Torque Estimation of Spin-type Solar Sail with Shape Control	Kikuchi, Junji・Chujo, Toshihiro・Mizumori, Tsukasa・Shirasawa, Yoji・Mori, Osamu
SA6000039008	A-8	Formation flying along elliptic orbit by feedback control	Minami, Kana・Ichikawa, Akira
SA6000039009	A-9	An Efficient Tether Deployment Using Orbital Perturbation Forces	Fujita, Koki・Furumoto, Masahiro・Hanada, Toshiya
SA6000039010	A-10	Formation flying Control Law in Circularrestricted Three-body Problem	Bando, Mai・Hamidreza, Nemati・-・Hokamoto, Shinji
SA6000039011	A-11	Study on the Evaluation of the Crater Detection Method using Principal Component Analysis.	Nomura, Izuru・Takino, Tatsuya・Nagata, Shin・Irie, Junya・Kamata, Hiroyuki Takadama, Keiki・Fukuda, Seisuke・Sawai, Shujiro・Sakai, Sin-ichiro
SA6000039012	A-12	V-disparity Based Visual Navigation for Planetary Exploration Rovers	Otsu, Kyohei・Kubota, Takashi
SA6000039013	A-13	Development of Lunar Rover Self-localization Method and Accuracy Evaluation	Kodama, Hiroaki・Hagiwara, Yusuke・Ochiai, Toshimasa
SA6000039014	A-14	Evaluation of Traveling Path for Rovers Considering Power Limitation on the Moon	Sutoh, Masataku・Otsuki, Masatsugu・Wakabayashi, Sachiko・Hoshino, Takeshi Hashimoto, Tatsuaki
SA6000039015	A-15	Some discussions on reduction of degrees of freedom in flexible multibody system	Kobayashi, Nobuyuki・Sugawara, Yoshiki
SA6000039016	A-16	Study on Evaluation of Transient Response of Spinning Large Membrane Structures by Eigenfunction Analysis and Continuum Analysis	Chujo, Toshihiro・Kawaguchi, Junichiro
SA6000039017	A-17	Deployment Experiment of Boom-Membrane Integrated Wrapped Structures	Furuya, Hiroshi・Satou, Yasutaka・Sakamoto, Hiraku・Natori, M.C. Okuizumi, Nobukatsu
SA6000039018	A-18	Trajectory Analysis of HAYABUSA2 during SCI Operation	Matsumoto, Jun・Saiki, Takanao・Tsuda, Yuichi
SA6000039019	A-19	Study on Small Body Exploration Rover with Intelligent Behavior Control	Honda, Takuma・Kubota, Takashi
SA6000039020	A-20	Small Body Exploration by using Small Robotic Spacecraft	Narita, Shinichiro・Helmick, Daniel・Yano, Hajime
SA6000039021	B-1	An Asteroid Flyby Mission Design for HAYABUSA2 Piggy-Back Explore : PROCYON	Sugimoto, Yoshihide・Ozaki, Naoya・Campagnola, Stefano・Hong Yam, Chit Sarli, Bruno・Chen, Hongru・Kawabata, Yosuke・Ogura, Satoshi・Ariu, Kaito Funase, Ryu・Kawakatsu, Yasuhiro
SA6000039022	B-2	SLIM: Small explorer for technology demonstration of lunar pinpoint landing	Fukuda, Seisuke・Sakai, Shin-ichiro・Sato, Eiichi・Sawai, Shujiro・SLIM WG

SA6000039023	B-3	Experimental Design of Nano-satellite Reentry from ISS: EGG (re-Entry satellite with Gossamer aeroshell and Gps/iridium)	Imamura, Osamu・Suzuki, Kojiro・Akita, Daisuke・Nakashino, Kyoichi Takahashi, Yusuke・Narumi, Tomohiro・Hayashi, A. Koichi・Yamada, Kazuhiko Ishimura, Kosei・－・Abe, Takashi
SA6000039024	B-4	Orbit Planning of SLATS	Imamura, Shunsuke
SA6000039025	B-5	A Study on Orbital Estimation Method of Low-Thrust Spacecraft	Date, Naoki・Bando, Mai・Hokamoto, Shinji
SA6000039026	B-6	Application to Hayabusa2 initial acquisition of IKAROS initial acquisition results	Taniguchi, Sho・Ohnishi, Takafumi・Takeuchi, Hiroshi・Tsuda, Yuichi Ichikawa, Tsutomu・Kato, Takaji・Yoshikawa, Makoto
SA6000039027	B-7	Trajectory Design of Mars Landing Demonstrator	Ogawa, Naoko・Haruki, Misuzu・Kondoh, Yoshinori・Matsumoto, Shuichi Takeuchi, Hiroshi・Fujita, Kazuhisa
SA6000039028	B-8	Development of Pin-Point Landing Technologies for Mars EDL Demonstrator	Fujita, Kazuhisa・Haruki, Misuzu・Matsumoto, Shuichi・Takeuchi, Hiroshi Ogawa, Naoko・Yamada, Kazuhiko・Takayanagi, Hiroki・Nakatsuka, Junichi
SA6000039029	B-9	Development of Bipropellant Gas-Liquid Equilibrium Propulsion System	Motooka, Norizumi・Yamamoto, Takayuki・Mori, Osamu・Chujo, Toshihiro
SA6000039030	B-10	Study and Development of Solid-Gas Equilibrium Thrusters Using Sublimable Material as Fuel Intended for Small Satellites	Chujo, Toshihiro・Mori, Osamu・Yamamoto, Takayuki・Motooka, Norizumi
SA6000039031	B-11	Development, Simulation and Testing of Temperature Sensors for the Attitude Determination of the MASCOT Asteroid Lander	Boden, Ralf
SA6000039032	B-12	Analysis for the Earth Escape Strategy Using Unstable Manifolds of Sun-Earth Halo Orbit and Lunar Gravity Assists	Hongru, Chen・Kawakatsu, Yasuhiro・Hanada, Toshiya
SA6000039033	B-13	Trajectory design for horseshoe asteroids redirect mission using natural three-body dynamics	Rivier, Guillaume・Kawaguchi, Jun'ichiro・Matsumoto, Jun
SA6000039034	B-14	Trajectory Design of Solar Power Sail for Sample Return Mission from Jupiter Trojan Asteroids	Teramoto, Yuki・Hamasaki, Taku・Kawaguchi, Jun'ichiro・Saiki, Takanao Mori, Osamu
SA6000039035	B-15	Mission Analysis for a Lander Collecting Samples at a Trojan Asteroid Part 2	Matsumoto, Jun・Kikuchi, Shota・Chujo, Toshihiro・Ono, Go・Shirasawa, Yoji Mori, Osamu
SA6000039036	B-16	Mars positioning system using the satellite tracking and outline extraction	Niwa, Chiharu・Hirakoso, Nobuto・Suda, Kentarou
SA6000039037	B-17	Evaluation of Orbit Determination Accuracy for Mars Landing Demonstrator	Takeuchi, Hiroshi・Ogawa, Naoko・Haruki, Misuzu・Matsumoto, Shuichi Kondoh, Yoshinori・Fujita, Kazuhisa
SA6000039038	B-18	Mission Design of Mars Mission	Ogura, Satoshi・Kawakatsu, Yasuhiro・Matsuoka, Ayako・Taguchi, Makoto
SA6000039039	B-19	OPTIMAL CONTROL ON GAUSS' EQUATIONS	Campagnola, Stefano・Russell, Ryan P.
SA6000039040	B-20	Study on Quasi-periodic Orbits around an Asteroid Using an Impulsive Delta-V	Kikuchi, Shota・Tsuda, Yuichi
SA6000039041	B-21	Study on Transfer Trajectories to Orbits around an Asteroid	Oki, Yusuke・Tsuda, Yuichi・Kikuchi, Shota
SA6000039042	B-22	Orbit Control of a Spinning Solar Sail by Spin Rate Control	Ono, Go・Mimasu, Yuya・Kawaguchi, Junichiro
SA6000039043	C-1	First Launch Results of Guidance & Control System of the Epsilon Rocket	Saiki, Takanao・Morita, Yasuhiro・Kato, Yoichi・Yamamoto, Takayuki・Ishii, Nobuaki Yamaguchi, Hiroyuki・Otsuka, Hirohito　Tanaka, Kensaku・－・－
SA6000039044	C-2	Overview of flight planning of H-IIA Launch Vehicle for the lunar and planetary transfer orbit missions	Ide, Yosuke・Tsuboi, Masanori・Tsujioka, Mitsutoshi・Tanabe, Yoshichika Takase, Kazuo・Kawabata, Yuko
SA6000039045	C-3	Low-Thrust Trajectory Optimization Method Considering Stochastic	Ozaki, Naoya・Funase, Ryu
SA6000039046	C-4	Controlled SE L2 Orbit by Solar Radiation Pressure	Tanaka, Keita・Hamasaki, Taku
SA6000039047	C-5	Halo orbit maintenance in earth-moon circular-restricted three-body problem	Ikeyama, Takuya・Usami, Motohiro・Ichikawa, Akira
SA6000039048	C-6	Tube Dynamics and Trajectory Design for Capturing the Lyapunov Orbit in the Coupled Restricted Three-Body Problem and Its Application to the DESTINY Mission	Onozaki, Kaori・Nakamura, Tomohiko・Yoshimura, Hiroaki
SA6000039049	C-7	Attitude Control of a Spinning Solar Sail by Spin Rate Control	Ono, Go・Mimasu, Yuya

SA6000039050	C-8	New Continuous Sliding Mode Design for Spacecraft Attitude Control	Nemati, Hamidreza・Oishi, Masataka・Kobayashi, Naoto・Nakata, Ryusuke Hokamoto, Shinji
SA6000039051	C-9	Control design for the direction of balloon gondola with only untwisting motor	Bando, Nobutaka・Fuke, Hideyuki・Shoji, Yasuhiro
SA6000039052	C-10	Dynamics Simulation of Flexible Solar Power Satellite Using Geomagnetic Control	Senda, Kei・Goto, Takahiro
SA6000039053	C-11	On Effectiveness of Vinnicombe Metric	Manabe, Shunji
SA6000039054	C-12	Attitude Control of Earth Orbiting Satellite by Solar Radiation Pressure	Akatsuka, Kosuke・Chujo, Toshihiro・Mori, Osamu・Shirasawa, Yoji Toyota, Hiroyuki・Nonomura, Taku・Kawaguchi, Junichiro
SA6000039055	C-13	Systematic Interpretation of Spacecraft Dynamics Under the Effect of Solar Radiation Pressure	Tsuda, Yuichi
SA6000039056	C-14	Spacecraft Attitude Control Using a Control Moment Gyro with Multi-Degree of Freedom	Yamada, Katsuhiko・Tsukahara, Takuya
SA6000039057	C-15	Generalized Dynamics of A Spacecraft with Plural MEDs and LPV Control	Sasaki, Takahiro・Shimomura, Taku
SA6000039058	C-16	Application of Dynamical Systems Theory to Trajectory Design around A Collinear Lagrange Point in Full Model	Sugimoto, Yoshihide
SA6000039059	C-17	Design of Transfer Trajectories between Lagrange Points L4 and L5 based on the Jumping Mechanism of Trojan Asteroids	Oshima, Kenta・Yanao, Tomohiro
SA6000039060	C-18	Two Types of Spacecraft Rendezvous Trajectories for Halo Orbit	Sato, Yuki・Kitamura, Kenji・Shima, Takeya
SA6000039061	C-19	A Study on Trajectory Profile for Lunar Lander	Tabata, Tetsu・Noritake, Satoshi・Matsuo, Shinobu
SA6000039062	C-20	Preliminary Trajectory Design on EM L2 Mission	Tanaka, Keita
SA6000039063	C-21	Dynamical Characteristics of Earning Delta-V by Using Rotational Energy of an Asteroid	Kikuchi, Shota・Kawaguchi, Junichiro