

# Congratulations!

## 【Student Session】

### ◆ **General Chairperson Award**

Mr. Maximilien Berthet, The University of Tokyo, JAPAN.

Paper No. 2019-e-60s

**“Coupled Simulation of Passive Aerodynamic Stabilisation of a Nanosatellite During Orbital Decay”**

### ◆ **JSASS President Award**

Mr. Ryohei Takahashi, The University of Tokyo, JAPAN.

Paper No. 2019-t-16s

**“Multidisciplinary Design Optimization for Supporting Decision Making on Design Objective of Small Mars Lander”**

### ◆ **Modi Memorial Jaya-Jayant Award,**

Mr. Yuta Shimizu, The University of Tokyo, JAPAN.

Paper No. 2019-k-65s

**“Influence of Lossy Compression on Optical Images of Martian Satellites and C-type Asteroids”**

### ◆ **JAXA President Award**

Mr. Yuki Kubo, The University of Tokyo, JAPAN.

Paper No. 2019-d-116s

**“Propellant-Free Station Keeping Around Sun-Earth L2 Using Solar Radiation Pressure for a Transformable Spacecraft”**

## ◆ **Japanese Rocket society Award**

Mr. Yasuho Ataka, The University of Tokyo, JAPAN.

Paper No. 2019-b-100s

**“Performance Evaluation of a 100  $\mu$ N-Class Water Ion Thruster Using Neodymium Magnets”**

## ◆ **SPSS President Award**

Mr. Sho Tamura, Tokyo Institute of Technology, JAPAN.

Paper No. 2019-c-77s

**“Deployment Experiments of Conceptual Model for Two-Dimensional Self-Deployable Space Structures with Convex-Panels”**

## ◆ **Fukui Executive Committee Award**

Mr. Zakariya Loulou, The University of Tokyo, JAPAN.

Paper No. 2019-c-76s

**“Evolution of Bistable Tape Springs’ Deployed Shape While Undergoing Long Time Stowage”**

# 【Best Poster Award】

## **First Prize**

Ms. Asa Nakano, Tokyo University of Agriculture and Technology, Japan.

Paper No. 2019-e-59p

**“Experimental Optimization of AC Voltage Waveform for DBD Plasma Actuator with Different Dielectric Material”**

## **Second Prize**

Prof. Takanobu Muranaka, Chukyo University, Japan.

Paper No. 2019-r-46p

**“Preliminary Study on De-orbiting Large-scale Debris using a Charged Membrane in Low Earth Orbit”**

## **Third Prize**

Mr. Ryuta Futada, Tokai University, Japan.

Paper No. 2019-b-098p

**“Exothermic Character of Chemically Augmented Low-power Arcjet Thrusters”**