

# **Congratulations!**

## **【Student Session】**

### **General Chairperson Award**

Mr. Shota Kikuchi, The University of Tokyo, Japan

Paper No. 2015-s-07-d

**"Stabilization Strategy of Delta-V Assisted Periodic Orbits around Asteroids Based on an Augmented Monodromy Matrix"**

He will be given the opportunity to attend IAC(The International Astronautical Congress which will be held in Jerusalem, Israel from 12 – 16 October, 2015).

### **JSASS President Award**

Mr. Kosuke Akatsuka, The University of Tokyo, Japan

Paper No. 2015-s-06-d

**"Nonholonomic Behaviour of Biased-Momentum Asymmetric Spacecraft in Sun-Tracking Motion Using Solar Radiation Pressure"**

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

Mr. Robin L. Karlsson, The University of Tokyo, Japan

Paper No. 2015-s-03-b

**"Numerical Simulation of a Freestream MHD Generator System using the MHD Equations"**

### **JAXA President Award**

Mr. Yushi Inose, Tokyo Metropolitan University, Japan

Paper No. 2015-s-12-j

**"Analysis of Rainfall Spatial Correlation Characteristics for Rain Attenuation Mitigation Using Radar Data"**

He will be given the opportunity to attend IAC(The International Astronautical Congress which will be held in Jerusalem, Israel from 12 – 16 October, 2015).

## **SPSS President Award**

Mr. Tanapoom Jamphon, Panyarat High School, Thailand

Paper No. 2015-s-14-p

**"Comparison How Different Azuki Bean Experiments Results between on Ground and in Space, Cooperate with SSAF2013"**

## **Hyogo-Kobe Executive Committee Award**

Mr. Shintaro Nakajima, The University of Tokyo, Japan

Paper No. 2015-s-10-f

**"Optimal Asteroid Fly-by Trajectory Guidance Strategy using Optical Navigation Considering Trade-Off between Risk and Fuel Consumption"**

## **Japanese Rocket Society Award**

Mr. Kazuki Sakaki, The University of Tokyo, Japan

Paper No. 2015-s-01-a

**"Spray and Flame Structures in Ethanol/Liquid Oxygen Rocket Engine with a Planar Pintle Injector"**

# **【Best Poster Award】**

## **First Prize**

Mr. Rei Kawashima, The University of Tokyo, Japan

Paper No. 2015-f-87p

**"Particle Simulation of Interactions between Plasma and Magnetic Field Surrounding Nanosatellite Magnetic Torquers"**

## **Second Prize**

Mr. Hiroki Kawahara, The University of Tokyo, Japan

Paper No. IEPC-2015-460p/ISTS-2015-b-460p

**"Ground Experiment for the Small Unified Propulsion System: I-COUPS Installed on the Small Space Probe: PROCYON"**

## **Third Prize**

Mr. Andrew James May, University College London, UK

Paper No. 2015-d-77p

**"Development of an Attitude Control System for UCLSat Based on Magnetic Field and Solar Inputs"**

# **【The 8th Spacecraft Control System Design Contest】**

## **General Category First Prize**

Prof. Hirohisa Kojima, Tokyo Metropolitan University, Japan

## **Student Category First Prize**

Mr. Yuki Aoyagi & Mr. Shingo Konishi,  
The University of Tokyo, Japan