


Brief Biography of Student Representative of 2016

It should be noted that this brief biography will be placed on the UNISEC Global website (<http://www.unisec-global.org>) for publication.

For our compilation, please submit this biography **in word file**.

Full or partial information on the sheet will be published in the website of UNISEC-Global and/or other related documents.

Please fill in the following blanks and paste a portrait.

Country/Region	Japan	Portrait 
Name of Student Rep	Kyohei Yashima	
University/College	Tokyo Institute of Technology	
Email Address	yasima1227@gmail.com	
Brief Biography	<p>K. Yashima was born in Mie pref., Japan in 1993. He completed a Bachelor of engineering in department of Mechano-Aerospace Engineering, Tokyo Institute of Technology, Japan. In 2015. His research interest includes Solar Sail of Micro Satellite especially Boom-Membrane integrated structure. He takes part of the project “ORIGAMI-Sat” as Mechanical engineer of mission part. This project will launch the 3U-CubeSat in 2017. His graduation thesis is “Deployment Properties under Gravity Compensation System of Boom-Membrane Integrated Structures for Micro Satellite”.</p> <p>In addition, He interested in Hybrid Rocket and CanSat project. He belongs to CREATE (Challengers of Rocket engineering and Avionics at Tokyo Tech). In this team, he belongs to the G-Sat team as mechanical engineer from April 2012 to September 2012 and project manager from October 2012 to September 2013. The mission of G-Sat is creating Micro gravity environment. After that, he becomes the representative of CREATE. In September 2014, he participate the ARLISS as project manager of team HELIOS. The mission of this project is constructing tower that height is about 1.2m.</p> <p>In Hybrid Rocket activity, he is in charge of the experimental operation. In November 2014, He takes part of the Izu-Oshima launch experiment as manager of experiment. After that, He participate the launch experiment as representative of the experiment from December 2014. He is the incumbent. Besides this experiment, He participate the Noshiro Space Event as manager of experiment in 2015 and Student representative in 2016. In addition, He is Student representative of Rocket working group (UNISON-Japan).</p> <ul style="list-style-type: none"> • Micro Satellite (Solar Sail, Boom-Membrane structure) • Hybrid Rocket • CanSat Activity 	
Research Interests	<p>He is interested in Hybrid Rocket. Hybrid Rocket is comparatively new system of rocket. Now, many student teams try to make and launch Hybrid Rocket. But, There is not the International competition. He think, to raise the technical level of Student Hybrid Rocket, we need to hold International competition.</p>	

(End)