

# The 24<sup>th</sup> JUACEP Students Workshop



*Research presentations and discussions of  
JUACEP 2018 medium/long-term course participants*

**Date... 13:25-15:00, Thursday, March 28, 2019**

**Venue... IB 013**

## Timetable

*\*10 minute-presentation + 4 minute-Q&A for each*

Time	Name Adviser at NU	Presentation title	Adviser at US/Canada
<b>13:25</b>	Opening address		
<b>13:30</b>	<b>Takahiko Kosegaki</b> Prof. Kazuo Shiokawa Electrical Engineering	<b>Thermal Testing of the New Small Magnetic Sensor for SmallSAT</b>	<b>Prof. Mark Moldwin</b> Climate and Space Science and Engineering, Univ. Mich.
<b>13:45</b>	<b>Kotaro Hotta</b> Prof. Jiro Kasahara Aerospace Engineering	<b>Experimental Investigation of Primary Breakup Induced by High Mach Number Shock Wave</b>	<b>Prof. Mirko Gamba</b> Aerospace Engineering, Univ. Mich.
<b>14:00</b>	<b>Ryo Tsunoda</b> Prof. Takeo Matsumoto Mechanical Systems Engineering	<b>A Computational Study of Cell Growth and Division as an Energy-based Soft Packing Problem Using a Diffuse Interface Framework</b>	<b>Prof. Krishna Garikipati</b> Mechanical Engineering, Univ. Mich.
<b>14:15</b>	<b>Koki Hojo</b> Prof. Noritsugu Umehara Miro-Nano Mechanical Science and Engineering	<b>Reactive dc magnetron sputtering of MoS<sub>2</sub> and MoS<sub>2</sub>/hBN layers</b>	<b>Assoc. Prof. Suneel Kodambaka</b> Materials Science and Engineering, UCLA
<b>14:30</b>	<b>Yuta Ujiie</b> Prof. Koji Nagata Aerospace Engineering	<b>The new directly shear stress sensor for aerodynamics applications</b>	<b>Prof. Chang-Jin Kim</b> Mechanical and Aerospace Engineering, UCLA
<b>14:45</b> <b>15:00</b>	Completion Ceremony Adjournment		

**Inquiry... JUACEP Office 052-789-2799**

