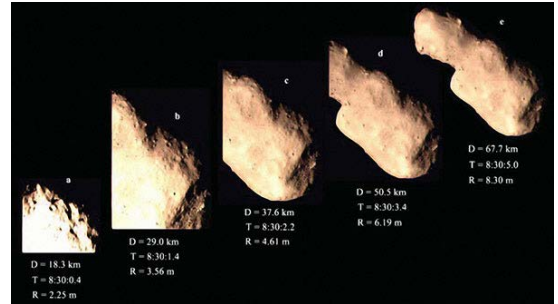


## Second Announcement

Summer School for Planetary Science and Exploration in East Asia,

**May 25-27, 2018 (SSPSEEA 2018, Fuchu, Japan)**

Recent space exploration programs led by the countries in East Asia require an active involvement of many planetary scientists with creative and collaborative ideas. Especially for the future development in this field, it is of importance for young scientists to expand not only their scientific capabilities but also mutual communications among countries. The third summer school of SSPSEEA aims to educate outstanding graduate students with major in planetary science, bridge friendship among them and to provide opportunity for future collaboration in East Asia. Theme of the summer school is “asteroid science”.



(c) Chinese Academy of Sciences

### 1 Topic and Lecturers

This year's summer school focuses on asteroids. Three distinguished lecturers, Dr. David Polishook, Dr. Michael Zolensky, and Prof. Hajime Yano, will give lectures regarding asteroid sciences such as ground- and space-based observations, classification of asteroids, orbital evolution, meteorites, analysis of returned samples, remote sensing, and future missions.

- Dr. David Polishook, Weizmann Institute of Science
- Dr. Michael Zolensky, NASA Johnson Space Center
- Prof. Hajime Yano, Institute of Space and Astronautical Sciences/JAXA

### 2 Timeline

- May 24 (Thu): Registration/Welcome Dinner
- May 25 (Fri) - May 27 (Sun): Lectures and group discussion (see below)  
A certificate will be issued to those students passed evaluation by lecturers
- May 27 (Sun): Visit the operation room of Japanese asteroid mission, Hayabusa2 at the Institute of Space and Aeronautic Science/JAXA.

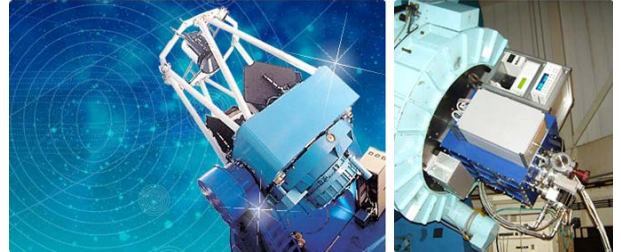
### 3 Place

- Hotel Continental (Fuchu, Tokyo, Japan)

<http://www.hotel-continental.co.jp/english/>

### 4 Time Table

May 25	9:00- 9:15	Grouping of students
	9:15-10:45	Ground- and space-based observations (Polishook)
	10:45-11:00	Coffee break
	11:00-12:30	Meteorites/meteoroids (Zolensky)
	12:30-13:45	Lunch
	13:45-15:15	Classification of asteroids (Polishook)
	15:15-15:30	Coffee break
	15:30-17:00	Regolith properties (Zolensky) Dinner
May 26	9:00-10:30	Thermal evolution/alteration processes (Polishook)
	10:30-10:45	Coffee break
	10:45-12:15	Orbital evolution (Yano)
	12:15-13:30	Lunch
	13:30-15:00	Origin/parent body (Zolensky)
	15:00-15:15	Coffee break
	15:15-16:45	Remote sensing, in-situ measurement and sampling (Yano)
	16:45-18:15	Analysis of returned samples (Zolensky) Dinner
May 27	9:00-10:30	Future missions (Yano)
	10:30-10:45	Coffee break
	10:45-12:15	Presentations of group discussion Lunch Excursion to ISAS Hayabusa2 operation room Break up



(C) Korean Astronomy and Space Science Institute

## 5 Registration

- Registration fee is US\$500, including lunch, dinner and accommodation

## 6 Important Dates

~~— January 26: First announcement opens~~

- **February 26: Application for registration opens**

Registration shall be sent by email to LOC contact for each country

- February 28: Second announcement with time table

- **March 23: Application closes**

- March 26-30: Student selection by LOC member

LOC helps VISA application for Chinese students and others if needed

~~— May 10: Second announcement with time table~~

- May 25: SSPSEEA 2017 begins



Now open

## 7 Student allocation by countries

- Approximately 5 from Korea, 5 from China, 15 from Japan, 5 from any countries:  
Total: 30

## 8 Selection of students and supports

- Chinese, Japanese and Korean students are selected in the final week of March by the organization committee in each country. Students from other countries are discussed by the organization committee via email.
- Financial supports for registration fee and travel expenses are available, but are limited. Every student is recommended to seek his/her own funding.
- Information required for selection
  - Affiliation
  - Year in graduate school
  - Major
  - Research interest (a few paragraphs in English)
  - Recommendation by a supervisor (a few paragraphs in English as a separate letter)
  - Request for financial support if necessary

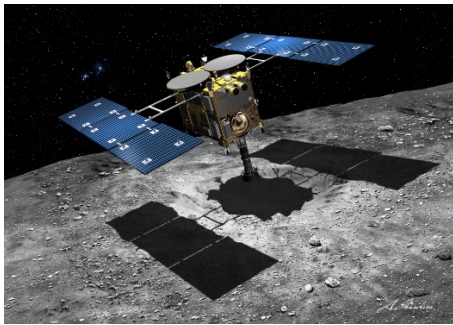
## 9 Group Discussion

In addition to the lectures by Dr. Polishook, Dr. Zolensky, and Prof. Yano, a group discussion by students is taken place during the summer school. All students are divided into 5 or 6 groups to discuss a certain topic related with the theme of the summer school,

such as "a key instrument in future asteroid exploration". Time for group discussion will be allocated occasionally on May 25 and 26. On May 27, each group will make a 15-min presentation to all the participants.

### ***10 Contacts***

- Korean students email to Prof. Young-Jun Choi: [yjchoi@kasi.re.kr](mailto:yjchoi@kasi.re.kr)
- Chinese students email to Prof. Long Xiao: [longxiao@cug.edu.cn](mailto:longxiao@cug.edu.cn)
- Japanese and other countries' students email to Prof. Noriyuki Namiki:  
[nori.namiki@nao.ac.jp](mailto:nori.namiki@nao.ac.jp)



(C) A. Ikeshita