

## **FIRST ANNOUCEMENT**

**Kobe International School of Planetary Sciences 2006**

**"SMALL BODIES IN PLANETARY SYSTEMS"**

**December 4 -6, 2006**

( [http://www.kobe-u.ac.jp/21COEPS/SCHOOL/2006/2006\\_ischool.html](http://www.kobe-u.ac.jp/21COEPS/SCHOOL/2006/2006_ischool.html) )

**LOCATION:** TAKIGAWA HALL, KOBE UNIVERSITY, Kobe, Japan.

**DEADLINE FOR APPLICATION:** August 31, 2006

### **LECTURERS:**

David Jewitt, Horst Uwe Keller, Aigen Li,

Patrick Michel, Diane Wooden (tbc), Mark C. Wyatt

We invite participants to the Kobe International School of Planetary Sciences 2006. This school aims to promote lively international interaction in planetary science and to educate graduate students and young researchers from all over the world. This international school is held annually, and is supported by the 21st Century Center of Excellence Program: "Origin and Evolution of Planetary Systems" at Kobe University.

This year's topic will be "Small Bodies in Planetary Systems". Following last year's topic of the "Origin of Planetary Systems", it will emphasize studying the evolution of planetary systems: The evolution history of the small bodies in our solar system can be inferred from studying their orbits and properties today, while observing the dust and small bodies in extra-solar systems shows planetary systems in different evolutionary stages. Astronomical research, space research and laboratory research recently brought a wealth of new insights into the evolution of planetary systems and the lectures will address these including results from recent observations and from the recent space missions Deep Impact and Hayabusa.

We look forward to receiving your application.

Ingrid Mann (LOC Chair) and Tadashi Mukai (COE Leader)

### **LOCAL ORGANIZING COMMITTEE:**

Taku Takeuchi, Yasuhiko Okada, Akiko Nakamura, Tadashi Mukai, Ingrid Mann

## SCHEDULE (preliminary)

### December 4, 2006 (Monday)

#### **morning session**

David Jewitt (Institute for Astronomy, University of Hawaii, USA)

Kuiperbelt and comets: an observational perspective

#### **afternoon session**

Patrick Michel (Observatoire de la Cote d'Azur, France)

Evolutions of small bodies in our Solar System: Dynamics and collisional processes

#### **Evening talk**

Tadashi Mukai (Kobe)

What we have learnt through asteroid Mission Hayabusa

### December 5, 2006 (Tuesday)

#### **morning session**

Horst Uwe Keller (Max-Planck-Institute for Solar System Research, Germany)

Nature and Physics of Cometary Nuclei

#### **afternoon session**

Diane Wooden (NASA Ames Research Center, USA, to be confirmed)

IR observations and dust mineralogy of comets

#### **Banquet in the evening**

### December 6, 2006 (Wednesday)

#### **morning session**

Aigen Li (Department of Physics and Astronomy, University of Missouri, USA)

Dust Models and Optical Properties

#### **afternoon session**

Mark C. Wyatt (Institute of Astronomy, University of Cambridge, UK)

Dynamics of small particles in extra-solar planetary systems: theory and observation

#### **Announcement of poster awards & Closure**

## **POSTERS**

Participants have the opportunity and are encouraged to prepare a poster presentation of their research project. Posters can be posted during the lunch break on Monday and are displayed until Wednesday afternoon. The lecturers will be asked to select outstanding posters which will be awarded during Farewell on Wednesday.

## **TARGET PARTICIPANTS AND SELECTION CRITERIA**

The course is targeted mainly to graduate students and young researchers. The school is an international event and we welcome applicants from any country. Applications should be made by filling out the attached form, and sending it by e-mail to <[pschool-info@cps-jp.org](mailto:pschool-info@cps-jp.org)>. The deadline for application is August 31, 2006. Selection will be made by the LOC, when the number of applicants is over the capacity of the meeting room (about 60), and answers will be sent to the applicants by September 15, 2006.

## **FINANCIAL SUPPORT**

Limited funds may be available for about 30 participants, and individual awardees and amount will be selected by the LOC. Please indicate on the application form if you would like to request financial support. The amount of financial support made available to the recipients will be informed by September 15, 2006.

## **CONTACT INFORMATION**

E-mail: [pschool-info@cps-jp.org](mailto:pschool-info@cps-jp.org)

Post-mail:

Ingrid Mann  
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Kobe University, Nada, Kobe 657-8501 JAPAN  
Fax: +81-78-803-6483

## **EXPECTED ATTENDANCE COSTS**

### **REGISTRATION FEE**

No registration fee is requested, but participants are requested to cover the cost of the banquet held on Tuesday (December 5). The cost for the banquet of 3,000 JPY (about 30 USD) should be paid on site only in cash.

### **MEALS**

Participants are responsible for purchasing their own meals. Several restaurants inside the campus of the university are available within easy reach of the meeting site.

### **DOMESTIC TRANSPORTATION**

The meeting place is located inside the campus of Kobe University. Please see the web site of the University to learn the map and access way.

### **ACCOMMODATIONS**

The LOC will not take care of accommodations for the participants. There are many hotels in the central part of Kobe city. Please reserve it by yourself.