

First Circular

<https://www.cps-jp.org/~pschool/pub/2011-09-26/index.html>

Joint Assembly:

CPS 8th International School of Planetary Sciences

JSPS-DST Asia Academic Seminar

Date: 26 September - 1 October 2011

1-3 October 2011 for a facility tour [only for a limited number of participants]

Venue: Minami-Awaji Royal Hotel

Address: 317 Fukurahei, Minamiawaji, Hyogo 656-0503, Japan

Phone: +81 799 52 3011

Fax: +81 799 52 370

Japanese site: <http://www.daiwaresort.co.jp/awaji/index.html>

English site: http://www.daiwaresort.co.jp/english/20_awaji.html

[Facility tour from Awaji]

Planned location: Kamioka Observatory

Japanese site: <http://www-sk.icrr.u-tokyo.ac.jp/>

English site: <http://www-sk.icrr.u-tokyo.ac.jp/index-e.html>

Objective and Scope:

The objective of the school/seminar is to promote education and research in planetary sciences for highly motivated graduate students and young researchers by providing them with an opportunity to interact with leading scientists in a specific field. Note that the term “Planetary Sciences” is used in a broader sense to include astronomy, astrophysics, astrochemistry, astrobiology, astromineralogy, geosciences, space science, cosmology, and other related fields.

The eighth school is jointly held with the Asian Academic Seminar hosted by JSPS, Japan, and DST, India, for providing Asian young researchers with intensive training in areas of Astronomy and Space Science. The seminars comprise lectures by experts in the subject fields, discussions, practical training, study visits and other components.

Topic of the coming school:

Challenges in Astronomy: Observational Advances

The main part of the school will be a series of lectures on 'Recent and Future Advances in Observational Astronomy.' The observational part of astronomy has revealed various, important phenomena in the Universe collaborating with theoretical works, and advancing fronts in well-established parts, e.g., optical-infrared, radio, high-energy radiations. Furthermore, the gravitational wave is expected to be detected in near future, and the advancement of “virtual observatory” would enable astronomers to conduct multi-wavelength data-intensive research, as the 4th paradigm in astronomy. Young astronomers are expected to learn about world-wide trend for constructing a wider and concrete base of their own research.

Lectures:

Internationally well-established experts in various fields will review recent progress in our understandings of those fields. The lecturers and their topics (tentative) are listed below:

1. David Bennett (Univ. Notre Dame, USA), Exoplanet Detection by Gravitational Microlensing
2. Sebastian Wolf (Univ. of Kiel, Germany), Protoplanetary & Debris Disks
3. A. Subramaniam (IIA, India), Optical Astronomy
4. Ajit Kembhavi (IUCAA, India), Virtual Observatory
Masatoshi Ohishi (NAOJ, Japan), Virtual Observatory
5. Jayaram Chengalur (NCRA/TIFR, India), GMRT & Radio Astronomy
6. Hideyo Kunieda (Nagoya Univ., Japan), X-ray Astronomy
7. Nobuyuki Kanda (Osaka City Univ., Japan), Gravitational-Wave Astronomy

All the lectures are to be video-recorded and to be available to the public through the CPS website. Lecture materials are to be uploaded by each lecturer in PDF format to the CPS server by 14 September 2011 so that they could be viewed on the same website.

Who are the target participants?

- PhD students, postdocs, and young research/academic staff who have a good command of English
- This school is not intended for bachelor, diploma, and master's students

How to apply?

The application for participation in the school will start on 11 April 2011. An abstract of one page A4 size should be uploaded to the CPS server for evaluation. To fill out the application form and to upload the abstract, please go to the following webpage for registration:

https://www.cps-jp.org/signup/pschool8?ml_lang=en

First, create your CPS account at this page.

Then, go to CPS website <https://www.cps-jp.org/> and login with your CPS User ID you have registered.

You will see “CPS 8th International School of Planetary Sciences/JSPS-DST Asia Academic Seminar” at the right column. Click there and start registration.

- Registration and abstract submission must be completed by 18 May 2011
- Should you wish to apply for our travel grant, both the application form (incl. of an abstract) and the letter of recommendation must reach us by 10 May 2011

How are participants selected and who makes the final decision?

- SOC will evaluate the level and suitability of applicant's works and interests to the school
- The school chair will make the final decision and applicants are notified accordingly

Need a travel grant?

- Indicate your intention in the application form
- Do arrange a letter of recommendation and send it by email to us <pschool-8rgst@cps-jp.org>; the letter has to reach us no later than 10 May 2011
- Successful applicants are obliged to present a poster in the poster session and to contribute in archiving lecture materials
- Note that the available funds are limited and the grant may not cover ALL of your expenses
- The final decision for travel grant application and the amount will be at the LOC's discretion
- The deadline for travel grant application is 10 May 2011

Short Talk and Poster Presentation:

- Should you wish to present your poster, do indicate your intention upon registration.
- Successful applicants for registration will be given 1-minute, without discussion time, each for a short oral presentation of the poster. Please upload your short talk slide file by 14 September 2011.
- Short talks and poster presentations are video-recorded and to be open to public through the CPS website.

- Your poster PDF file should be uploaded to the CPS server by 12 October 2011.

Registration Fee:

10,000 JPY.

Accommodation:

Participants:

- 3 persons share one Western / Japanese style room equipped with a bathroom

Lecturers:

- Western style rooms with a bathroom are available for single use

Rates per person in Japanese Yen

Standard, 3 in 1 room 47,000

Single Use 62,000*

*Reserved for Lecturers

Access:

Please refer to

<https://www.cps-jp.org/~pschool/pub/2011-09-26/index.html>

Important Dates:

All deadline times are 23:59 Japanese Standard Time, UTC+9

11 April 2011 First Day for Registration Application

10 May 2011 Travel Grant Application Deadline

18 May 2011 Registration Application Deadline

18 May 2011 Abstract Submission Deadline

31 May 2011 Result Notification

14 September 2011 Short Talk Slide File Upload Deadline

26 September 2011 CPS Int'l Sch. of Planet. Sci./JSPS-DST Asia Acad. Seminar

12 October 2011 Poster PDF File Upload Deadline

Scientific Organizing Committee:

Hiroshi Shibai (Osaka Univ., Japan)

Rajaram Nityananda (TIFR, India)

Ajit Kembhavi (IUCAA, India)

Yoshi-Yuki Hayashi (CPS, Japan)

Local Organizing Committee:

(*School chair, **Secretary)

Hiroshi Shibai * (Osaka Univ., Japan)

Misato Fukagawa (Osaka Univ., Japan)

Yoshitsugu Nakagawa (CPS, Japan)

Yoshi-Yuki Hayashi (CPS, Japan)

Hiroshi Kimura (CPS, Japan)

Ko-ichiro Sugiyama (CPS, Japan)

Yoshiyuki O. Takahashi (CPS, Japan)

Seiya Nishizawa (CPS, Japan)

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Mire Murakami** (CPS, Japan)

Mariko Hirano** (CPS, Japan)

Yasuko Uematsu** (CPS, Japan)

Mizue Odo** (CPS, Japan)

Contact us:

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Center for Planetary Science

Funds:

The school is sponsored by Japan Society for the Promotion of Science (JSPS), Indian Department

of Science and Technology (DST), and Center for Planetary Science (CPS) under the MEXT Global COE Program: "Foundation of International Center for Planetary Science", a joint project between Kobe University and Hokkaido University.