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FIRST CIRCULAR

The CPS 6th International School of Planetary Sciences

"PLANETARY ATMOSPHERES

--- Sisters, relatives and ancestors of our own ---"

January 4 - 9, 2010

<http://www.cps-jp.org/~pschool/2010-01-04/>

LOCATION: SEAPAL SUMA, Kobe, Japan.

ENROLLMENT: 50 participants

Deadline for Application: September 25, 2009

We cordially invite young scientists to participate in the CPS 6th International School of Planetary Science 2010. This school, organized by Center for Planetary Science, Kobe U., JAPAN, aims at promoting education and research in planetary science for highly motivated graduate students and young researchers worldwide. It will offer them an opportunity to interact with leading scientists in a specific scientific field of the year. Organizing committee of the school will select participants on the basis of their applications.

This year's topic of the school is "Planetary Atmospheres". The main part of the school is a series of lectures on various aspects of planetary atmospheres, surface environments, and their interaction with planetary interiors including the following topics: (1) cutting-edge reviews of the atmospheres of Mars and Venus and their exploration, (2) a perspective on the dynamics of the planetary atmospheres including the Earth's as an example, (3) in-depth discussion on the origin and evolution of the coupled system of planetary atmospheres and interiors, with the search for the definition of habitable worlds in mind.

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

- Yutaka Abe (U. of Tokyo, Japan)
Habitable Planet
- Francois Forget (LMD, France)
Martian Climate from the Past to the Present
- Takeshi Imamura (JAXA/ISAS, Japan)
Venus four day circulation, planned observations (Planet-C)
- Yoshihisa Matsuda (Tokyo Gakugei U., Japan)
Venus four day circulation, theory
- Kensuke Nakajima (Kyushu U., Japan)
Structures of moist convection
- Peter. L. Read (U. of Oxford, U.K.)
Climate and circulation of the Martian Atmosphere
- Tapio Schneider (CalTech, U.S.A.)
Principles of planetary circulations, from Earth to Neptune
- Dima Titov (Max Planck, Germany)
Venus Express
- Kevin Zahnle (NASA Ames, U.S.A.)
Origin and Evolution of Planetary Atmospheres

The school will take place at Seapal Suma, a casual seaside resort

located west to the central part of Kobe. <http://www.seapalsuma.com/>
(the official website, Japanese only)
http://web.travel.rakuten.co.jp/portal/my/info_page_e.Eng?f_no=13907
(in English from a hotel booking site)

We look forward to receiving your applications.

Yoshi-Yuki Hayashi (Chair of Organizing Committee)

-----SCHEDULE OF THE SCHOOL

The registration desk of the school will open at around 15:00 on January 4th, followed by an opening reception (around 18:00) and dinner (20:00). The school will be closed on January 9th, by having breakfast at the venue. Detailed schedule will be available in the next announcement.

-----TARGET PARTICIPANTS AND SELECTION

The lectures are targeted mainly on doctoral students, postdocs and young scientists, exclusive of bachelor and diploma students. All the lectures are given in English and we welcome applicants from any country.

We will select around 50 participants based on

- (1) the level and suitability of applicant's qualification,
- (2) the relevance of his/her works and/or interests (we attach importance to the way they are described in the application form).

All of the participants are assumed to stay at Seapal Suma for the entire period of the school.

Applications should be made by filling out the attached form along with a letter of recommendation, and sending them by e-mail to

<pschool-rgst2010@cps-jp.org>.

The deadline for application is

September 25, 2009.

Selection will be made by Organizing Committee and the decision will be sent to the applicants by October 5, 2009.

-----FINANCIAL SUPPORT and OBLIGATION

A limited amount of funds is available for approximately 25 successful participants, and the amount of money paid to individual awardees will be decided by Organizing Committee.

The obligations of the awadees are to present posters at the poster session (and, as for Japanese awadees, to contribute in constructing lecture archives).

Please indicate your intension and estimate your transportation expenses on the application form if you would like to request financial support. Note that January 4th is probably still in the New Year's celebrations in Japan, therefore, your flight ticket might cost more than the standard rate. You have to consult with a agency nearby.

The amount of financial support made available to the recipients will be also informed by October 5, 2009.

-----EXPECTED ATTENDANCE COSTS

[REGISTRATION FEE] Registration fee is 10,000 JPY. This includes: the reception, coffee breaks, beverages at the poster session, and an extra cost for the banquet scheduled on the dinner time on Jan. 8th.

[ACCOMMODATION] All participants are expected to stay in Seapal Suma by sharing a room with 3 other participants (4 in 1). The room is a Japanese style, namely, a large room floored with tatami mats and equipped with a toilet. There is no tub/shower in the room, but the hotel has an ocean-view public bath for each gender equipped with a huge tub at the top floor. We expect that the room will cost approximately 45,000 JPY per person to share the room for five nights. If you do not like to share the room, you may occupy the room alone by paying approximately 60,000 JPY for five nights. Alternatively, Japanese-style rooms with both toilet and tub/shower are available with approximately 47,000–62,000 JPY per person for five nights, depending on the number of people to share the room. We will allocate rooms to participants according to the requests from the participants, but may not always fulfill their preferences, because only a limited number of rooms, in particular, the rooms with a shower/tub are available.

[MEALS] The above-mentioned cost for the accommodation includes all the meals during the school (from the dinner on Jan. 4th to the breakfast on Jan. 9th), EXCEPT for the dinner on Jan. 6th, when we plan to organize a half-day excursion in the afternoon.

[DOMESTIC TRANSPORTATION] The venue is located about 100 min. from Kansai International Airport (KIX) (65 min. by shuttle bus to Kobe Sannomiya, 5 min. walk from the bus stop to JR Sannomiya railway station, 12–13 min. by train to JR Suma-Kaihinkoen railway station, plus 8 min. walk from the station). The bus fare from the airport is 1,800 JPY and the train ticket costs 170 JPY. The nearest airport to the venue is Kobe Airport (UKB), from which Port Liner, an urban fully automated guideway transit (AGT) system, will take you to JR Sannomiya railway station in 16–18 min. (320 JPY). Osaka International Airport, another name, Itami Airport (ITM), is also convenient to JR Sannomiya station. It takes approximately 40 min. by bus and costs 1,020 JPY.

-----IMPORTANT DATES

25 Sep. 2009--- Deadline for application
05 Oct. 2009--- Notification of our decision to the applications
including the financial support
27 Nov. 2009--- Abstract deadline for poster presentation
4–9 Jan. 2010--- The CPS 6th International School of Planetary Sciences

-----CONTACT INFORMATION

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-----Organizing Committee and about CPS
Yoshi-Yuki Hayashi (Kobe University)

Peter L. Read (University of Oxford)
Kiyoshi Kuramoto (Hokkaido University)
George L. Hashimoto (Okayama University)
Kensuke Nakajima (Kyushu University)

International School of Planetary Sciences was organized in 2004 under the Kobe University 21 Century COE program. Now the school is organized by Center for Planetary Science (CPS).

Center for Planetary Science (CPS) was virtually (without no full-time scientists or support staffs) organized in 2007 April in Kobe University and now being reinforced by the Kobe-Hokkaido joint program "Foundation of the International Education and Research Center for Planetary Science" as one of the five year programs of MEXT Global COE (Center of Excellence) Program.

The goal of CPS is to be an academic institution open to scientists in the world and assists them to overcome barriers between their specialized fields in planetary science incidental to its academic development. CPS aims (1) to play a role as a catalyst for human resources development and research activities led by planetary scientists around the world, (2) to provide a site where people from various fields of planetary science get together and accumulate their knowledge and information, and (3) to play the most vital role in developing planetary science in terms of its extension and long-term vision.

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-----APPLICATION FORM

Please complete the following application form and arrange a letter of recommendation. These should be e-mailed to <pschool-rgst2010@cps-jp.org> by September 25, 2009. If you don't receive an e-mail for acknowledgment of your application within several days, please contact <pschool-info2010@cps-jp.org>.

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Application for participation in the CPS International School of Planetary Sciences, January 4 - 9, 2010

1. Family Name:
2. Given Name:
3. Gender: Male/Female
4. Nationality: (As written in your passport)
5. Status/Position: M1/M2/D1/D2/D3/postdoc for domestic applicants; master's or doctoral (Ph.D.) students/postdocs for foreign applicants; name of position for others;
6. Affiliation: (Department and Institution)
7. Postal address:
8. E-mail address:
9. Phone number:
10. FAX number:
11. Financial support: Not required/Required

