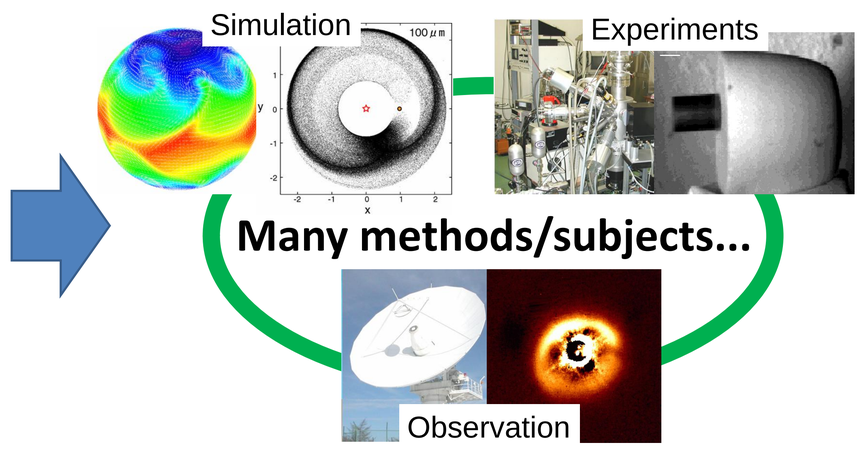
Global COE Program of Kobe University/Hokkaido University
Foundation of International Education and Research
Center for Planetary Science

Planetary science is an emerging interdisciplinary field, combining aspects of astronomy, geology, meteorology, biology, etc., with its ultimate goal to understand our existence in the universe



It is impossible for the individual researcher to integrate knowledge of specialized various disciplines into one unified picture from galaxies through habitable planets to ourselves

How to develop a unified picture?

Our approach: Founding the new center which...

- promotes international interactions between planetary scientists
- fosters the next-generation leaders with a broad perspective
- provides the up-to-date and comprehensive knowledge online

Center for Planetary Science

https://www.cps-jp.org/

Center for Planetary Science

Institute for Next-Generation

Services for Whole Community of Planetary Science

Discovery, support and coordination of education & research activities

Providing <Opportunity> for research and education by promoting active exchange

- **Exchange of academic knowledge**
- **Activation of research and active exchange among researchers**
- **Human resource development**

Center for Planetary Science

Coordination Groups (CGs)

Social Interchange CG | Future Conception CG | International Cooperation CG | Education And Research CG | Infrastructure CG

Social Interchange CG

We give the public a better understanding of Planetary science and CPS's principle through the following promotion of social interaction:

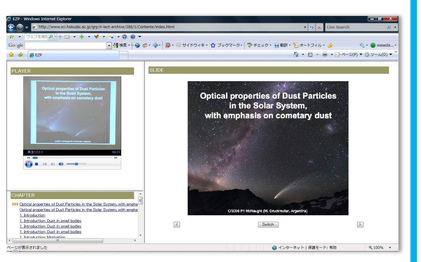
A) Organizing meetings with many influential businessmen.
B) Conducting the Japanese writing course and English presentation training course.
C) Giving the popular events on Planetary Science and training presentation skills for young scientists through the utilization of public lectures

Science café (July, 2010)

Infrastructure CG

We supports activities of development and maintenance of software and hardware used in education and research. We store various knowledge acquired through CPS's activities and maintains informative infrastructure so that the knowledge is open to the public.

video recording of lectures



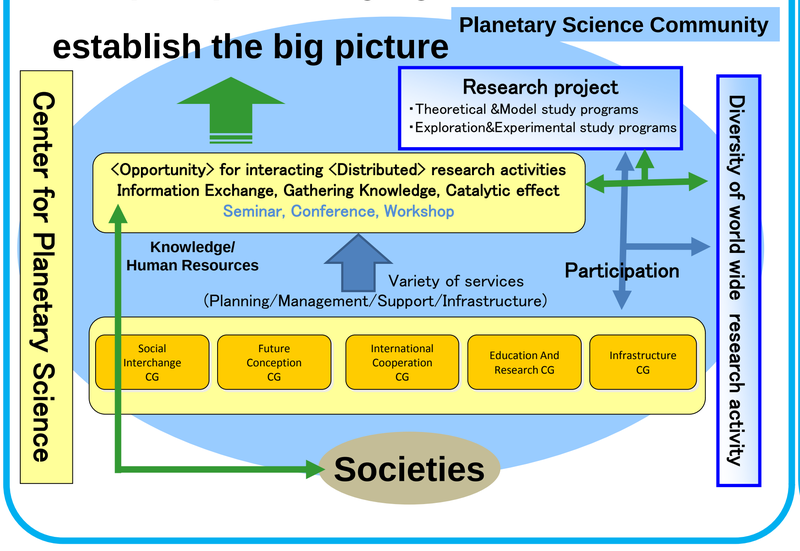
Internet site of seminars and lectures

https://www.cps-jp.org/~mosir/pub/?ml_lang=en

Future Conception CG

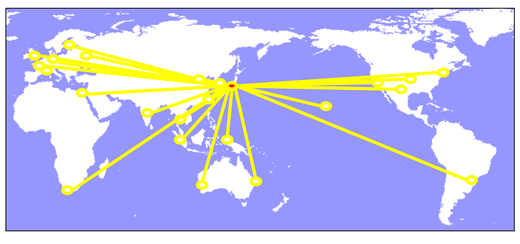
We will envision future developments in planetary science together with young researchers and provide comprehensive proposals for development

Contribution to the construction of "pan-planetary system model"



International Cooperation CG

We promote international activities of people exchanges and creates tight links between professionals in all fields of planetary science.



Construction of International Research / Education Network for Planetary Science

Cooperation with Taiwan National Central University, University of Jena (Germany), Woods Hole Oceanographic Institution(US), International Space Science Institute(Switzerland), Isaac Newton Institute for Mathematical Sciences (UK), University of Munster (Germany), Observatoire de la Cote d'Azur (France) etc.

Education and Research CG

We organize the CPS International School of Planetary Sciences annually and give assistance to host many workshops.

International School of Planetary Sciences 2010

Frontier Seminar 2009 summer (Initiative for Attractive Education in Gradient Schools, Hokkaido Univ.)

Cultivation of human resources to develop Planetary Science