

Joint symposium of Misasa 2019 & CMC

Duration: March 18 (Mon.)-21(Thu.), 2019

Place: Blanc Art Misasa

Theme: Origin, Evolution & Dynamics of the Earth & Planetary Interiors

Welcome to the Joint symposium of Misasa 2019 & CMC on the “Origin, Evolution & Dynamics of the Earth & Planetary Interiors”, jointly organized by the Institute for Planetary Materials (IPM), Okayama University, and the MEXT Grant-in-Aid for Scientific Research on Innovative Areas project “Interaction and Coevolution of the Core and Mantle Toward Integrated Deep Earth Science” (CMC).

IPM is located in Misasa town, Tottori Prefecture, which is a well-known hot spring resort. The Institute has a long tradition, originating from the Institute for Thermal Spring Research (1950-1985), which was reorganized into the Institute for Study of the Earth’s Interior (ISEI) as a national collaborative research facility in 1985, and then into the current Institute for Planetary Materials in 2016. The mission of IPM is to study the origin, evolution and dynamics of the Earth and other planets, and to promoting collaborative research and education in Earth and planetary materials sciences by providing opportunities to access its broad spectrum of unique world-class analytical and experimental facilities to the domestic and international research community.

The five-year project “Interaction and Coevolution of the Core and Mantle Toward Integrated Deep Earth Science” aims at clarifying the major unsolved mysteries in deep Earth science by focusing on the core-mantle interaction and coevolution by fusing different research fields that have developed individually in Earth and planetary sciences.

This symposium will showcase recent, state-of-the-art developments in understanding the origin, evolution, and dynamics of planetary interiors. Contributions from the broad fields of Earth and planetary sciences are welcomed, including materials science, geophysical observations, and numerical modeling. It is hoped that the co-organization of the symposium by

IPM and CMC will provide a great opportunity for fruitful discussions and collaborations among scientists in related fields both in Japan and around the world.

We look forward to meeting you in March 2019 at the symposium, and wish you will have a great experience during your stay in Misasa.

Xianyu Xue,
Director of the Institute for Planetary Materials, Okayama University

Scope

This symposium will showcase recent, state-of-the-art developments in understanding the origin, evolution, and dynamics of planetary interiors. Contributions from the broad fields of Earth and planetary sciences are welcomed, including materials science, geophysical observations, and numerical modeling.

Invited speakers (as of Nov. 7, 2018)

M.J. Walter (Geophys. Lab., Carnegie Inst.)
J.-F. Lin (Univ. of Texas, Austin)
T. Katsura (Bayerisches Geoinstitut, Univ. of Bayreuth)
E. Takahashi (Guangzhou Institute of Geochemistry, Chinese Academy of Sciences)
D. Mainprice (Montpellier Univ.)
J.G. Learned (Univ. of Hawaii)
T. Nakagawa (Hongkong Univ.)

Time Schedule

First circular: November 7, 2019
Second circular: December 15, 2019
Third circular: January 31, 2019
Call-for-abstracts starts: January 5, 2019

Abstract submission deadline: February 15, 2019

Symposium: March 18 (Mon)~21 (Thus), 2019

Event

March 17: Ice Breaker

March 19: Banquet

March 21: Retirement ceremony and party for Assoc. Prof. Yoneda

Local Organizing Committee

- Executive Committee Chairperson
Xianyu Xue
- Executive Committee Vice Chairperson
Takashi Yoshino
- Program committee
Xianyu Xue, *Takashi Yoshino, Takuo Okuchi, Taku Tsuchiya
- Public relations committee
*Masami Kanzaki, Shigeru Yamashita, Matthew Izawa
- Location committee
*Akira Yoneda, Daisuke Yamazaki, Takuya Moriguti, Noriyoshi Tsujino, Yusuke Yachi, Hitoshi Gomi, Kaori Anji

Sponsor

Joint Use/Research Center from the Institute for Planetary Materials,
Okayama University / Ministry of Education, Culture, Sports, Science and
Technology (MEXT), Japan.

Interaction and Coevolution of the Core and Mantle / Ministry of Education,
Culture, Sports, Science and Technology (MEXT) Grant-in-Aid for Scientific
Research on Innovative Areas, Japan.

Link

Please check for the latest information on the following website:

<http://www.misasa.okayama-u.ac.jp/symp/index.php>

Institute for Planetary Materials, Okayama University

<http://www.misasa.okayama-u.ac.jp/eng/>

Interaction and Coevolution of the Core and Mantle

<http://en.core-mantle.jp>