

2

Workshops and Seminars

2-1 IMSS Science Festa

The IMSS (Institute of Materials Structure Science) Science Festa was held on March 18-19, 2014 at the EPOCHAL Tsukuba with the support of user community and KEK.

Following two Scientific Sessions with invited speakers—one concerning material science involving hydrogen, and the other concerning research on the surface structure of TiO₂, steels and artificial photosynthesis for contributing to a sustainable society—a Poster Session was held on the first day of the Festa. There were 219 user poster presentations, with research results presented from 11 S-type and 3 U-type proposals. There were more than 72 presentations from the staff of the Accelerator Laboratory of KEK, Neutron Science Division and Muon Science Division of IMSS, MLF (J-PARC Materials and Life Science Experimental Facility) and the PF staff, resulting in a total of more than 291 poster presentations. Following the Poster Session, another Scientific Session with invited speakers concerning structural biology by synchrotron radiation and neutrons was held.

The 31st PF symposium, the annual users' meeting, the 5th MLF symposium and the MSL (Muon Science Laboratory) workshop were held simultaneously on March 19, the second day of the IMSS Science Festa. The Festa provided an excellent opportunity to exchange a broad range of knowledge in such fields as synchrotron, neutron, muon, materials and life sciences, and was attended by more than 490 users and IMSS staff.

The main purpose of the PF symposium is to discuss the present status and future projects of the PF, and to encourage networking among users and PF staff through scientific presentations and discussions. At the start of the PF symposium, PF staff reported on the recent progress of the facility, including rearrangement of beamlines. We also had a discussion session on PF operation, especially regarding beamtime for users and future light sources.

2-2 PF Workshops

Two PF workshops were held in FY2013. Anyone can propose such a workshop: free discussions were made on a specific scientific topic in synchrotron-radiation research and its related application fields. The proceedings of the workshops can be found in the KEK proceedings, which are available at the KEK Library.

- (1) "Development of Novel Light Sources Based on Very Short Period Undulators" held on September 18-19, 2013. KEK Proceedings 2013-5 (in Japanese).
- (2) "The 2nd Workshop on Advanced Observational Techniques - Local Structure Analysis and Time-Resolved Measurement" held on February 21, 2014.

2-3 Seminars

The seminars hosted by each scientific project in IMSS were arranged as seminars hosted by IMSS, called "IMSS Colloquium" and "IMSS Danwakai". These seminars provide an opportunity to exchange a broad range of knowledge in such fields as synchrotron, neutron and muon science. IMSS Colloquium invites leading scientists in each scientific field. Please refer to the following URLs for more details.

URL of IMSS Colloquium (in Japanese):

http://imss.kek.jp/event/for_researchers/imss_colloquium/

URL of IMSS Danwakai (in Japanese):

http://imss.kek.jp/event/for_researchers/imss_danwakai/