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Workshops and Seminars

9-1 IMSS Science Festa

The Institute of Materials Structure Science (IMSS) SCIENCE FESTA was held on March 17-18, 2015 at the EPOCHAL Tsukuba with the support of the user community and KEK.

Following two invited talks, entitled “Combination of Nice Cooking and Its Material” by Professor J. Akimitsu and “Molecular and Material Design Strategy for Flexible and Tough Polymers” by Professor K. Ito, three Parallel Sessions and a Poster Session were held on the first day of the FESTA. There were 233 poster presentations from users, with research results presented from 13 S-type and 3 T-type proposals. There were more than 75 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 334 poster presentations.

The 32nd PF symposium, the annual users’ meeting, the 6th MLF symposium and the Muon Science Laboratory (MSL) workshop were held simultaneously on March 18, the second day of the FESTA. The FESTA provided an excellent opportunity to exchange a broad range of knowledge in such fields as synchrotron, neutron and muon science and MLF, and was attended by more than 570 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.

9-2 PF Workshops

The proceedings of PF workshops and a KEK workshop on synchrotron-radiation research were published as shown in the following list. Anyone can propose such a workshop, which then freely discusses a specific scientific topic in synchrotron-radiation research and its related application fields.

KEK Proceedings 2014-1 (in Japanese)

The 2nd Workshop on Advanced Observational Techniques – Frontier of the time-resolved measurement.

KEK Proceedings 2014-8 (in Japanese)

Next Generation Synchrotron Radiation and New Horizon in Science opened by XAFS spectroscopy.

KEK Proceedings 2014-9 (in Japanese)

Industrial applications of synchrotron X-ray imaging.

KEK Proceedings 2014-10 (in Japanese)

Next generation science with high brilliance vacuum ultraviolet and soft X rays.

KEK Proceedings 2014-11

Proceedings of the 28th Workshop on Radiation Detectors and Their Uses.

Please refer to the following URLs for more details.

<http://www-lib.kek.jp/lists/publistall-e.html>

http://www-lib.kek.jp/cgi-bin/kiss_prepri.v8?KN=201425%25&TI=&AU=&AF=&CL=&RP=&YR=

9-3 Seminars

The seminars hosted by each scientific project in the Institute of Materials Structure Science (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 URL for more details.

<http://www.kek.jp/en/Conference/>