

The 9th National Meeting of Synchrotron Radiation Users (Warsaw 2011)

The 9th National Meeting of Synchrotron Radiation Users was held in the Institute of Physical Chemistry of the Polish Academy of Science, Warsaw, on 26th – 27th of September 2011. The national meetings are organized biennially interlaced with International Schools and Symposia on Synchrotron Radiation in Natural Science. It gathered 80 participants (see photo below) who presented 13 invited lectures, 9 oral presentations and 37 posters. Most participants came from Polish scientific institutions although some represented foreign centers (Canada, Sweden and France). During the meeting two workshops were organized: one devoted to interpretation of XANES data, “X-ray Absorption Near Edge Structure — Muffin Tin Model and beyond” (Dr. Keisuke Hatada, Laboratori Nazionali di Frascati dell’INFN, Italy), the other was a tutorial to a popular crystallographic software suite JANA2006 (Prof. Václav Petříček, Institute of Physics, Prague ASCR, Czech Republic).

Among the invited lectures, the participants had an opportunity to listen about recent progress in construction of the first Polish synchrotron in Kraków (SOLARIS - the National Synchrotron Radiation Center at Jagiellonian University) as well as about a new Polish initiative POLFEL - free electron UV laser. On a purely scientific part, the participants could acquaint themselves with, e.g. a new approaches in protein crystallography structure solution (“The first crystal structure of monomeric retroviral protease solved by online game players”) as well as new developments in the coherent X-ray diffraction imaging technique. A number of review lectures covering, e.g. x-ray absorption, magnetic

spectroscopy/microscopy or presentations of interesting applications of diffraction experiments could serve as a valuable guide for students and less experienced researchers. Selected contributions to the meeting were published in *Acta Physica Polonica A* (4th issue of vol. 121, 2012), edited by W. Paszkowicz and Z. Kaszukur. The conference materials were printed within a special issue of the Polish Synchrotron Radiation Society (PSRS) bulletin “Synchrotron Radiation in Natural Science” (ISSN 1644 – 7190) — this part was edited under Pielaszek Research software providing also the conference web management.

The Meeting offered an opportunity to celebrate 20 years of the PSRS. It was marked by a special occasional session and a banquet in the evening. To celebrate the PSRS anniversary a team of its members, advanced users of synchrotron radiation, prepared for young colleagues a tutorial book (in Polish). It describes the techniques most frequently used by Polish synchrotron users to share the experience with newcomers. The book was presented to the public during the meeting. The Society plans to convert this tutorial into regular textbook after receiving sponsorship for professional editorial work.

The Meeting has received financial support from the Polish Ministry of Science and Higher Education as well as material support from Prevac and Bruker.

The organizers take this opportunity to thank all colleagues contributing to the organization and management of the event.

Zbigniew Kaszukur
(the Meeting Chairman)



Participants of KSUPS 2011.