

## SYNCHROTRON LIGHT NEWS

### NEWS

**Result of elections (September 2008).** The Polish Synchrotron Radiation Society (PSRS) President, Prof. Krystyna Jablonska, was reelected for the term 2008-2011. See page 96 for information on the new Council.

**The Bulletin: New Editorial Board (September 2008).** The new editorial board of the Bulletin is, as before, based on the elected Council of the PSRS. All members of previous Editorial Board are acknowledged for their collaboration and efforts to help in editing.

**MAX-IV project presented in Warsaw (September 2008).** On Sept. 25<sup>th</sup> 2008, Prof. Nils Mårtensson, the Director of MAXlab (Lund, Sweden), and coworkers, Prof. Ulf Karlsson and Prof. Åke Kvick, visited the Institute of Physics PAS. During a special half-day seminar (*cf.* Fig. 1), the visitors have presented the project of MAX-IV synchrotron, the fourth ring to be built in MAXlab, and the role of MAXlab in nanoscience and materials science (the MAX-IV project was accepted for financing in May 2009).



Figure 1. Director of MAXlab Prof. Nils Mårtensson (left), and Director of Institute of Physics PAS, Prof. Jacek Kossut (right), during the seminar.

*Photo: W. Paszkowicz*

**Workshop on Polish Synchrotron project (February 2009).** On 23.02.2009, an intensive one-day workshop took place at the Institute of Physics of the Jagellonian University. The experts in accelerator physics from BESSY, ELETTRA and MAXLab shared their expertise and opinions with the Polish synchrotron team. The meeting was instrumental for taking key decisions on the technical solutions adopted for the Polish project. The scale of the project was set at the circumference of about 95 m and the maximum electron beam energy of 1.5 GeV.

**The future of BM14 beamline (May 2009).** In May 2009, European Synchrotron Radiation Facility invited

its members and associate members for expressions of interest to take over the ownership and operation of the CRG beamline BM14. During The ESRF Science Advisory Committee meeting on 28-29 May 2009, also the proposal prepared by the group of Polish crystallographers and researchers working with X-ray Absorption Spectroscopy was presented by Maciej Kozak. At the present stage we are waiting for the official decision and offer from ESRF, and having got it we can apply for appropriate financial resources.

**‘Polish Synchrotron’ Consortium meeting (May 2009).** On 26.05.2009, successive meeting of the Consortium took place in Collegium Maius, Kraków. The Consortium *Polski Synchrotron (Polish Synchrotron)* was formed in April 2008 by thirty three leading universities and research institutes of Poland (presently, the number grew to 36 members) to actively support the initiative of building a synchrotron light source in Poland and to collaborate at the realisation of the project. The meeting (See Fig. 2) was devoted to a discussion on proposed solutions for the machine design and the beamline priorities after the scale of the project was defined.

**Financing of ESRF membership renewed (July 2009).** Financing of membership of Poland in ESRF continues. The funds have been obtained for the period mid-2009 – mid 2011 (see page 91). The membership means also that the scientific, doctoral, administrative and technical positions at ESRF are available for Polish citizens (<http://www.esrf.eu/Jobs>)

**First X-rays from the PETRA III source (July 2009).** In July 2009, our colleagues at DESY generated the first X-ray beam at the new synchrotron radiation source PETRA III. This is an important step towards making available for experiments the most brilliant X-ray source (of storage ring type) in the world. Congratulations! Read more at [http://petra3.desy.de/news/petra\\_iii\\_in\\_genera/l/first\\_beam/index\\_eng.html](http://petra3.desy.de/news/petra_iii_in_genera/l/first_beam/index_eng.html).

**Polish synchrotron project in progress.** The preliminary contract, specifying the frames of the Polish synchrotron project, was signed on November 28, 2008 between the Jagellonian University (coordinator of the project) and the Ministry of Science and Higher Education. The necessary documentation will be prepared by the end of 2009 to define prerequisites for detailed project. The first light from the Polish Synchrotron Light Source may be expected mid-2014.

**Reduction of funds from EU for support of experiments at large facilities.** This reduction may cause, in particular, a considerable weakening of international collaboration in the field of experimental studies. A *Manifesto* signed by an international committee points out the possible consequences of this reduction (see p. 100).



Figure 2. Representatives of the Consortium members participating in the Workshop.

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#### FUTURE CONFERENCES & WORKSHOPS

**E-XFEL Workshop (October 2009).** The European XFEL-MID workshop, is organised on 28-29.10.2009, in Grenoble (France).

**4th Workshop on High Resolution Diffraction at PETRA III (November 2009).** The Workshop to be held on 5-6.11.2009 at DESY, Hamburg (Germany), will be connected with the planned start of P08 beamline (HighRes) at PETRA III, optimised for high  $q$ -resolution experiments at photons of energies from 5 up to 29 keV. <https://indico.desy.de/conferenceDisplay.py?confId=229601/09/2009>.

**Biology and Medical Applications (February 2010).** The meetings of Biology and Synchrotron Radiation (BSR) and Medical Applications of Synchrotron Radiation (MASR) will take place on 15-18.02.2010, Melbourne (Australia).

**Tenth ISSRNS Meeting (June 2010).** The 10<sup>th</sup> International School and Symposium on Synchrotron Radiation in Natural Sciences (ISSRNS 2010) will be held in Szklarska Poręba (south-western Poland), 6-12.06.2010.

**Free Electron Laser Meeting (August 2010).** 32<sup>nd</sup> International Free Electron Laser Conference will be organised on 23-27.08.2010 in Malmö (Sweden).

**Synchrotron Radiation Instrumentation Meeting (September 2010).** The Sixteenth Pan-American Synchrotron Radiation Instrumentation (SRI) Conference, is planned for 21-24.09.2010, Argonne, IL (USA)

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#### USER MEETINGS

**SLS User Meeting (October 2009).** Joint Users' Meeting at PSI (**JUM@P'09**), will be held on 12-13.10.2009. This is a meeting of the users of three facilities: the Swiss Light Source (SLS), the Swiss Spallation Neutron Source (SINQ) and the Swiss Muon Source (**SμS**) (see <http://user.web.psi.ch/jump09/html/index.shtml>).

**MAXlab User Meeting (November 2009).** MAX-lab 22<sup>nd</sup> Annual User Meeting, will be held on 2-4.11.2009, in Lund (Sweden).

**BESSY-II User Meeting (November 2009).** First Joint BER II and BESSY II Users Meeting, takes place on 12-13.11.2009 in Berlin-Adlershof (Germany).

**HASYLAB User Meeting (January 2010).** HASYLAB Users' Meeting is organised on 29.01.2010 in Hamburg (Germany).

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**More news at:** <http://www.lightsources.org/cms/>.