

Memorials 2012

April 1, 2012 *PF User Association (PF-UA) Established*



The PF-Kondankai restarted as the PF User Association (PF-UA) in April 2012. The PF-UA is a user community to promote research activities in the PF. The first president is Professor Mamoru Sato of Yokohama City University.

July 2-3, 2012 *ERL Advisory Committee*

The 1st ERL Advisory Committee “International Advisory Committee of the 3GeV ERL Project” chaired by Ingolf Lindau (SLAC, SSRL) was held at KEK.



July 19, 2012 *The 3rd TIA-nano Public Symposium*

The global nanotechnology complex TIA-nano (Tsukuba Innovation Arena) created in Tsukuba City has been carrying out various activities since the joint policy statement was created in June 2009. The addition of KEK to TIA-nano as a new core institute in April 2012 has strengthened the TIA-nano infrastructure.



July 30-31, 2012
The 2nd compact ERL Science Workshop

The compact ERL (cERL) will start operation in March 2013. Science using the new light source of cERL was discussed at the workshop.



August 20-28, 2012
Summer Challenge



The 6th summer school on “particle and nuclear physics” and “material and biological science” was held at KEK. 90 undergraduate students from all over Japan attended this school, which included basic lectures, facility tours of the Tsukuba and Tokai campuses, and practical experiments.



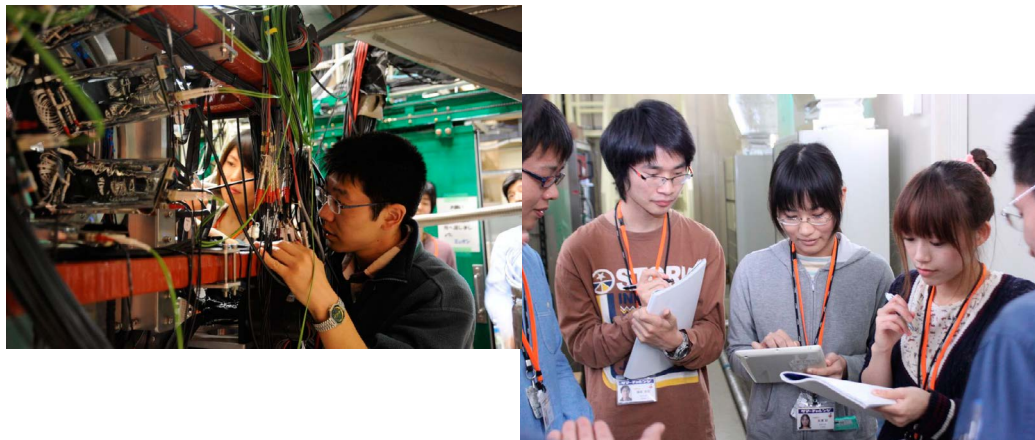
September 2, 2012
Open House

There were a total of 4600 visitors to KEK on the day. All visitors enjoyed the pioneering world of modern materials, biology and accelerator science.



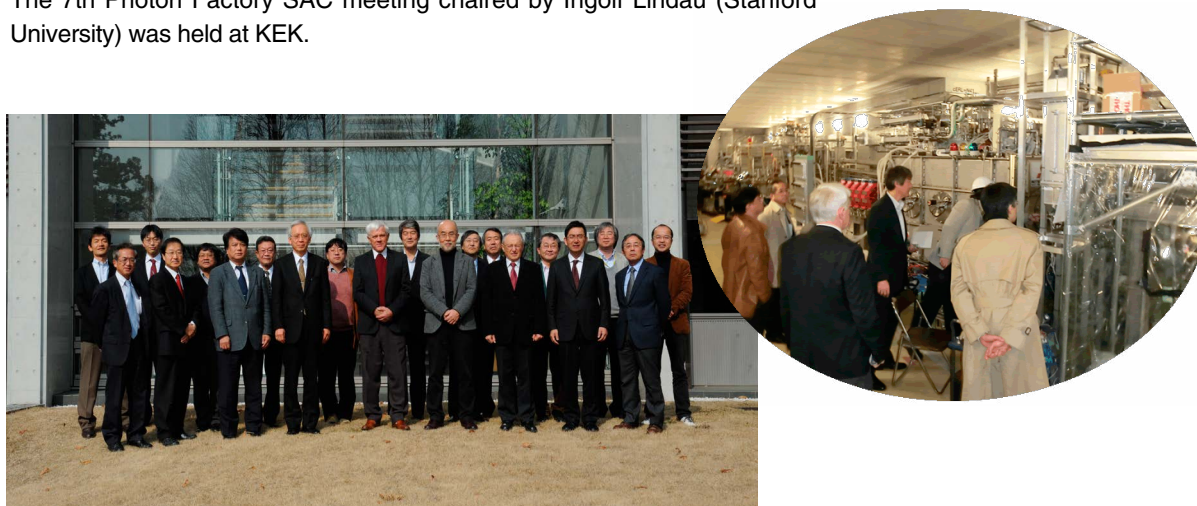
November 23-24, 2012
Summer Challenge in Autumn

The students who participated in the summer challenge in August performed actual experiments using synchrotron X-rays in the PF and PF-AR.



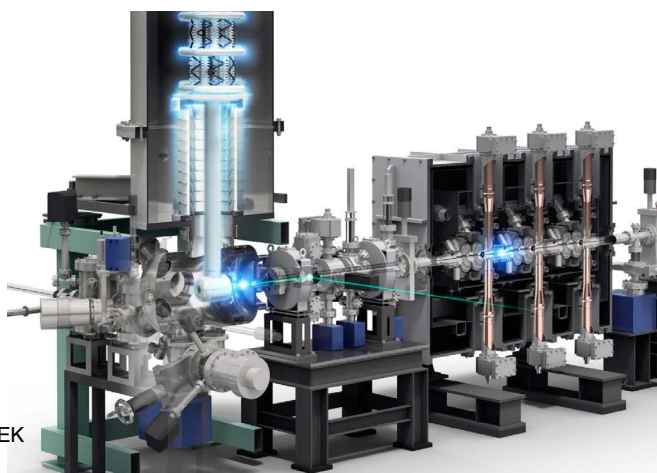
February 7-8, 2013
PF-SAC

The 7th Photon Factory SAC meeting chaired by Ingolf Lindau (Stanford University) was held at KEK.



March 14, 2013
500-keV Electron Beam with High Current from a Photoemission Dc Gun was Successfully Generated

A high-brightness, high-current electron gun was developed for an energy recovery linac light source.



(c)Rey.Hori/KEK

 **March 14-15, 2013**
The 1st IMSS Science Festa

The 1st IMSS science festa, which is a joint symposium hosted by PF, KENS and MLS, was held at EPOCAL TSU-KUBA. Over 500 participants actively discussed comprehensive studies using quantum beams, X-rays, neutrons, muons, and slow positrons, owned by IMSS.



 **March 18, 2013**
“PEARL” Chosen as Name of Next-generation Light Source

The name of the energy recovery linac, which was proposed by KEK as a next-generation light source, was chosen as PEARL (Photon Factory ERL Advanced Research Laboratory).



International Collaboration

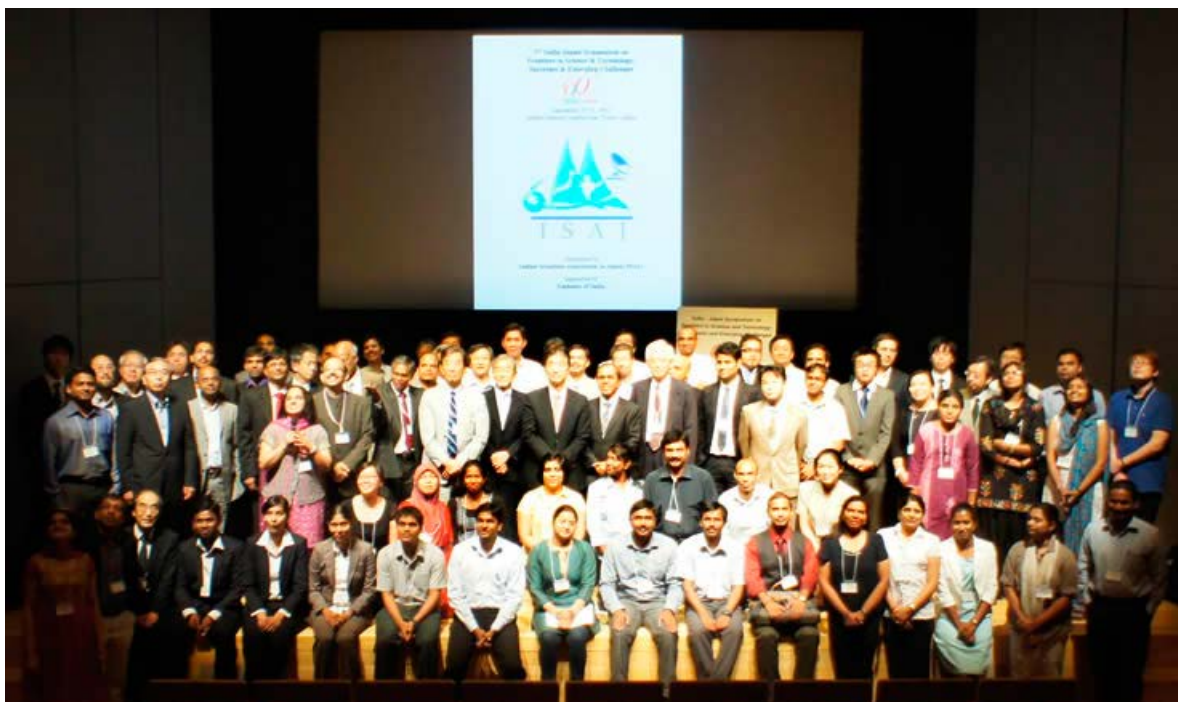
August 8-10, 2012 **AOFSRR in Thailand**

AOFSRR (Asia-Oceania Forum for Synchrotron Radiation Research) was held in Bangkok, the capital of Thailand. The objectives of the AOFSRR are to establish a general framework of collaboration for the development of science and technology, which mutually benefits progress toward the research goals of the parties, and to promote comprehensive cooperation in the Asia Oceania region.



September 20-21, 2012 **The 3rd India-Japan Symposium**

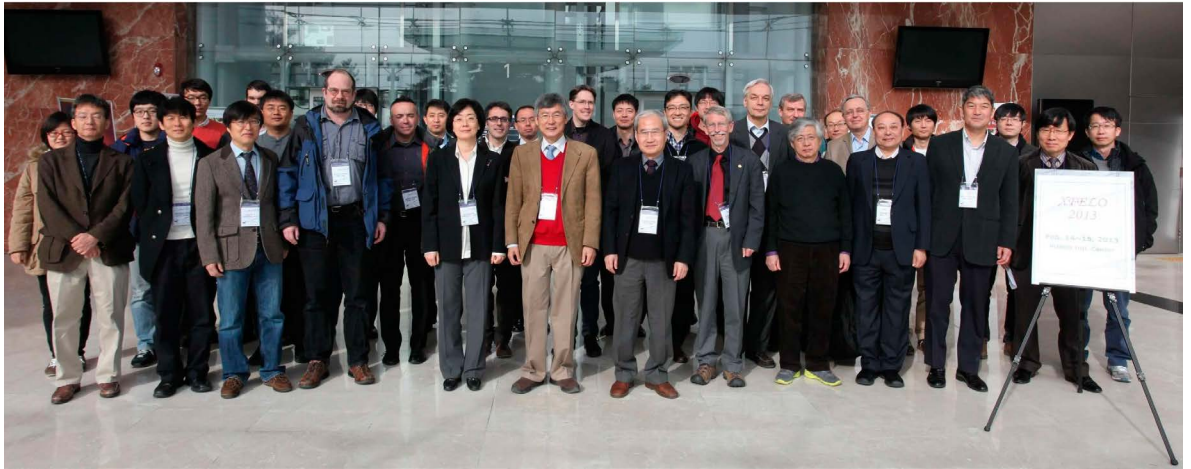
The 3rd India-Japan Symposium on "Frontiers in Science & Technology: Successes & Emerging Challenges" was held at the Indian Embassy in Japan. The PF has an Indian beamline (BL-18B) for use by Indian researchers. Full-scale operation of the beamline started in 2011.





February 14-15, 2013
Workshop on Science Outlook and R&D Issues for an XFEL in POSTECH

The science outlook and R&D issues for an XFEL (X-Ray Free Electron Laser Oscillator) were widely discussed in the workshop.



February 20, 2013
Visit by Ambassadors of India

Ms. Deepa Gopalan Wadhwa, ambassador of India to Japan, and Dr. Chadaram Sivaji, counsellor (Science & Technology) in the Embassy of India, visited KEK and exchanged opinions concerning research cooperation.



February 25, 2013,
Thank you, Australian Beamline !

The Australian beamline BL-20B was constructed in 1992, and finally ceased operation at the end of March 2013. The beamline has been extremely productive, with more than 1,000 papers published from about 900 experimental projects.

