

The 20th ACFA Meeting

Public Note

Budker Institute of Nuclear Physics (BINP), Novosibirsk, Russia

09:00-17:00 Wednesday 27 February 2013

Agenda

1. Opening
2. AFAD / ACFA Working Group Report
3. Regional Report
4. IPAC13 OC Status
5. AsiaHEP Report
6. Joint Accelerator School
7. ILC R&D (from Asian point of view)
8. Other Business
9. Adjourn

Summary

1. Opening

The 20th meeting of the Asian Committee for Future Accelerators (ACFA) was held at the Budker Institute of Nuclear Physics (BINP) on February 27, 2013. It was the first meeting since Japan took over the role of the chair for the new term 2013-2014. Dr. Yifang Wang (China) was appointed and approved as the new vice-chair for the new term. Dr. Mitsuaki Nozaki, the new chair of ACFA, chaired the meeting.

2. AFAD / ACFA Working Group Report

Dr. Alexandr Bryazgin, as the chair of the AFAD13 local organizing committee, provided a general overview of the workshop, highlighting the progress and work achieved by the Working Groups.

The chair/convener of each Working Group provided a report on their activities:

- Accelerator and its related technologies for photon science (S. H. Nam)
- Accelerator and its related technologies for hadron science (A. Ivanov)
- Detector technology development (S. Uno)
- Accelerator and its related technologies for other fields (N. Kukasanov)
- R&D for innovative accelerator (J. Gao)
- Advanced Accelerator (H. Suk)
- Network and Computing (T. Kaneko)
- Cryogenics and Cryomodule (T. S. Datta)

3. Regional Report

The group heard from Academician A.N.Skrinsky, the Director of BINP, overview of the activities at BINP, including organizational structure, researches, and accelerator operations.

Dr. Grigori Shirkov reported on the status of the accelerator facilities operated in the high energy physics institutes in Russia, IHEP, ITEP and JINR.

The status of the accelerator related activities in each country/region was reported by the representative of each country/region: Australia (G. Taylor), China (Y. Wang), India (A. Roy), Japan (M. Nozaki), Korea (G. Kim), and Taiwan (F. Z. Hsiao).

4. IPAC13 OC Status

Dr. Zhentang Zhao, the chair of the International Particle Accelerator Conference 2013 (IPAC13) Organizing Committee (OC), discussed the following three topics.

(1) Preparation Status of the IPAC13

Dr. Zhao reported on the status of the 4th IPAC, which will take place in Shanghai on May12-17, 2013. The Scientific Program Committee (SPC) received 1861 abstracts in total, the largest number of applications in its history since 2010. For student support, approx. 100 students are able to receive supports.

(2) Result of the selections of the ACFA Accelerator Prize winners

Dr. Zhao reported on the process and results of the selection of the three prizes (a, b, c) winners. Every three years when the IPAC is hosted in Asia, the ACFA Accelerator Prizes are awarded to people who made a significant achievement and or an original contribution to the accelerator field. A prize award ceremony will be held during the IPAC13.

(3) Memorandum of Understanding (MoU) for Coordination of IPACs.

Dr. Zhao discussed the draft version of the MoU, which was prepared for making agreements among Asia, Europe and Americas on coordination and organization of the annual IPACs. The draft covers all the essentials to be agreed upon, including the roles, responsibilities and compositions of the Organization Committee (OC) and Scientific Program Committee (SPC). The MoU is going to be signed by the three regions, and the ACFA chair is to sign the MoU on behalf of Asia.

5. AsiaHEP Report

Dr. Nozaki reported that the bylaw of the AsiaHEP Panel was agreed by the members, and the panel agreed to start its activity according to the roles and responsibilities defined in the bylaw. The group agreed to receive reports from the AsiaHEP on a regular basis.

6. Joint Accelerator School

Dr. Nozaki provided an overview and preparation status of the Joint US-CERN-Japan-Russia International Accelerator School (JAS), which will take place in Shizuoka, Japan on October 23-31, 2013. The school will focus on the basics of accelerators so as to attract a large number of students.

7. ILC R&D (from Asian point of view)

Dr. Jie Gao, the chair of the Asian Linear Collider Steering Committee (ALCSC), reported on the status of the research and development (R&D) of the ILC technologies in Japan, China, Korea, and India. He noted that the ILC technology R&D should be continued to maintain the momentum toward realization of ILC. Asia has been working on the ILC's key technologies at the ATF, which is the only test facility in Asia. Asia would welcome the Japan's ILC bid, and Asia will strive toward the realization of the ILC in Asia.

8. Other Business

The Chair requested Russia to nominate additional representatives for the ACFA, in addition to nomination of a representative for the AsiaHEP.

9. Adjourn

The meeting closed at 17:00.

Participants

Chair:	Mitsuaki NOZAKI	KEK
Vice-Chair:	Yifang WANG	IHEP
BINP (Host):	A.N.SKRINSKY	BINP Director
	Alexandr BRYAZGIN	BINP Head of Department
	Evgeny LEVICHEV	BINP Associate Director
Australia:	Geoffrey TAYLOR	CoEPP, Univ. of Melbourne
China:	Zhentang ZHAO	SINAP
India:	Amit ROY	IUAC
	Alok CHAKRABARTI	VECC
Korea:	Guinyun Kim	KNU
Russia:	Grigori SHIRKOV	JINR
Taiwan:	Hsiao, Feng-Zone	NSRRC
ALCSC:	Jie GAO	IHEP
W.G.:	Sang Hoon NAM	PAL/POSTECH

Hyyong SUK	GIST
Tripti Sekhar DATTA	IUAC
Nikolay Kukasanov	BINP
Alexandr IVANOV	BINP
Shoji UNO	KEK
Toshiaki KANEKO	KEK

Observers

AsiaHEP:	BumHoon LEE	Sogang University
	George Wei-Shu HOU	NTU
KEK	Fumihiko Takasaki	KEK
	Masami Yokoyama	KEK