

Minutes of the 19th ACFA Plenary Meeting February 8, 2012, VECC, Kolkata

The 19th ACFA Plenary meeting was held at the Variable Energy Cyclotron Centre, Kolkata on 8th February, 2012. The meeting was arranged after the AFAD workshop held on February 6-7, 2012.

Participants of the Meeting

ACFA Members

1. Amit Roy (Chair, IUAC, New Delhi)	2. Mitsuaki Nozaki (Vice Chair, KEK/ Tsukuba)
3. Tripti Sekhar Datta (Secretary, IUAC, Delhi)	4. R K Bhandari (VECC, Kolkata)
5. Ching-Shiang Hwang (NSRRC, Taiwan)	6. Hyyong Suk (GIST, Korea)
7. Geoffrey Taylor (ANU, Melbourne)	8. Guinyun Kim (KNU, Daegu)

Invitees

9. Sang Hoon Nam (PAL, Pohang)	10. Heung Sik Kang (PAL, Pohang)
11. Won Namkung (PAL/ Pohang)	12. Kihyeon Cho (KISTI, Korea)
13. Junji Haba (KEK/ Tsukuba)	14. Yoshitaka Kuno (Osaka University, Japan)
15. S B Roy (RRCAT, Indore)	16. P Srivastava (RRCAT, Indore)
17. Alok Chakraborti (VECC, Kolkata)	18. Wataru Takeshima (KEK/ Tsukuba)
19. Naoko Tobaru (KEK, Tsukuba)	

Agenda of the Meeting & Discussions

1. Opening Remarks

Dr. R K Bhandari, Director VECC, welcomed ACFA members and the Invitees for the meeting. He thanked ACFA chair for considering VECC, Kolkata as the venue for AFAD workshop and ACFA meeting. Dr Amit Roy, Chair of ACFA thanked Dr. R. K. Bhandari for hosting the two days AFAD workshop and ACFA meeting. He recalled the historical contribution of Kolkata and VECC on accelerator programme in India. He briefed the invitees about the role of ACFA and suggestion was requested to promote accelerator activities in Asia. He thanked Prof Junji Haba and Dr. Alok Chakraborti for the successful organization of AFAD.

He requested the members and invitees for self introduction. Once introduction was over, he requested members from each country to give a brief report about their activity related to accelerator.

2. Activity report of Country

Activity report of country started with India and ended with Taiwan in the following order. There was no report from China as no member was present because of late visa.

1. India: Dr. Amit Roy (IUAC), Dr. R K Bhandari (VECC) and Dr. S B Roy (RRCAT)
2. Australia: Prof Geoffrey Taylor
3. Japan: Prof. Mitsuaki Nozaki
4. Korea: Prof. Won Namkung
5. Taiwan: Prof. Ching-Shiang Hwang

Members from India presented a brief report about the status of the Accelerator programme in the respective Institutes. Many R &D programmes are initiated for the ADS programme.

Prof. Nozaki reported about all important events on KEK collaboration activities (SESAME, AOCNS) with Asian Countries since November 2011. He informed about the visit of Scientists in January 2012 to the proposed sites for the construction of International Collider (SEFURI & KETUKAMI). Members were informed that Prof Shin-ichi Kurokawa has received the Chinese Academy of Sciences award for International Scientific Collaboration. This award is given to honor eminent foreign experts who make outstanding contributions to facilitating international cooperation in science and technology. Members congratulated Prof Kurokawa for this achievement.

Prof. Namkung briefed about the AAPPS (Association of Asia Pacific Physical Societies) activities structure. At present 18 countries are the members of AAPPS. He informed about the foundation of Institute of Basic Science at Daejeon in Korea with an initial budget of 3 billion dollar. One of the important activities in the accelerator field will be to build the Rare Isotope Accelerator which can accelerate a particle heavier than a proton to nearly the speed of light. in order to investigate it at a scale which is smaller than that of an atom and mentioned about the creation of a new institute BES and one programme will be ADS with Superconducting linac for Heavy ion.

Prof. Namkung requested members to look at the possibility whether ACFA can play any role under the umbrella of AAPPS.

Prof Geoffrey Taylor informed about the International Conference "ICHEP" in Australia and declared that some support is available for students and young researcher "

Dr. Ching-Shiang Hwang informed about the running status of present 1.5 GeV light source (TLS) and reported about commissioning of the new 3.0 GeV synchrotron source (TPS) by 2014. Some medical therapy accelerators has been planned and constructed in Taiwan. He also reports another accelerator development activity in NCHU.

The committee was pleased to hear the progress of the activities and also noted the initiatives on new projects with good funding from respective country.

3. Report on AFAD

Prof Junji Haba presented the report on recently concluded AFAD. This is the first AFAD and 3rd in series of JAAWS (Joint Asia Accelerator Work shop). It was informed that first JAAWS was held at Japan in 2009 and 2nd one on Pohang in December 2010. He informed that there were 5 Parallel session in addition to 2 plenary sessions. It was informed about 130 participants. Details

Amit Roy thanked Prof Junji Haba (Convener) and Dr Alok Chakrabarti (Co-Convener) for the successful organization of AFAD.

4. Activity Report of Working Group

Activity report of Working Group started with Prof. Guinyun Kim (LC, Physics, Detector) followed by Prof M Nozaki (Network & Computing) and Prof. Suk (Advanced Accelerator). Prof Kim informed about Joint ACFA Physics/Detector Workshop and GDE meeting on Linear Collider scheduled to be held in April 23- 26, 2012 in Daegu Korea... Prof. Nozaki informed that the new working group (Network and Computing) was formed in last meeting of ACFA in November, 2011. It was pointed out that a separate parallel session was organized and there about 15 presentations covering all the Asian countries. Response was good in this first meeting...

Prof Hyyong Suk presented about the upcoming activity on Innovative Accelerator Research using High Power Laser facility in Korea. He also informed about proposal on Ultra-Intense Laser Science Laboratory under Basis Science Institute.

Dr Amit mentioned about email communication from Prof. Byung- Ho Choi about brief report on HPPA activity

5. Activity report of ALCSC/ILCSC

As Prof Wang and Prof Jie Gao couldn't not attend the meeting, no report was presented on this.

The committee appreciated to the efforts of the working groups in promoting collaboration in corresponding fields.

6. Discussion on Accelerator School

This was reference to earlier discussion in the ACFA meeting regarding email by Prof. Barletta chair of ACFA for holding a Joint Accelerator School in Asia. Finally Prof M. Nozaki from KEK agreed to host this JAS in 2013. Members considered the important event on Accelerators, Including IPAC 13 during May 13- 17 in Shanghai, it was felt that October/ November 2013 will be the preferred date. Prof Nozaki will discuss this with other members of KEK and a decision will be taken

The successful conduct of the recent Accelerator School in IIT. Mumbai during January 31 - February 3 was reported.

7. Report from IPAC'13 OC

No additional information was available as Prof. Zhentang Zhao, Chair IPAC'13 OC could not attend the meeting

8. ACFA Student Support for IPAC 12:

Dr Amit Roy informed about the constitution of ACFA Student Award Committee under the chairmanship of Prof. Akira Noda in last ACFA meeting. Prof. Noda has reported that an amount of US \$ 50.836 was transferred from IPAC 10 Account to IPAC 12 LOC. They have recommended 10 students for full support (\$3000) and 15 students for partial support (\$1500). Committee also recommended few wait listed candidates in case there are drop out from primary list.

9. New Working Group

Dr Amit Roy proposed to have another working group on “Cryogenics, Cryomodule and Superconductivity” considering its role for future accelerator programme in Asia. He reported that at present the activity has initiated in many of the Asian countries like China, India, Taiwan, and Korea for the respective accelerator laboratory. T S Datta expressed that no such collaboration/ interaction exists among the Scientists, Engineers working in this field among the Asian countries. He also mentioned that in this AFAD workshop no dedicated talks in this field of cryogenics and cryomodule were presented. Members agreed about the proposal on constitution of working group of “Cryogenics, Cryomodule and Superconductivity”

Prof. Namkung expressed that simply forming a working group will not be effective unless somebody take an active role to interact with members from other countries. T S Datta agreed to initiate to have information on contact person from respective country and will be reported in next ACFA meeting.

Chair ACFA will be informing other ACFA members for their concurrence.

10. Venue for Next ACFA Meeting

Chair ACFA Initiated the discussion on Venue for next ACFA Meeting and AFAD workshop. It was informed that tenure of the present committee is till December 2012. The ACFA meeting must be before January 2013, where Vice Chairman will be selected for the next committee and Prof Nozaki will be taking over as Chairman. Members felt that Taiwan or Australia should get the first option of hosting the next meeting. Prof. Hwang and Prof. Taylor both expressed their difficulty on hosting next ACFA and AFAD meeting in 2012 because of construction work of new Synchrotron Source in NSRRC and an International conference in Australia. The Chair offered to check with Prof Shirkov, if Russia will be willing to host. In case, they are not able to host, Prof Nozaki will be organizing ACFA meeting either at Tsukuba or some other place in Japan.

Dr. Amit Roy Chair, ACFA once again thanked Dr. R K Bhandari, Dr Alok Chakraborti and Dr. Arup for hosting the 19th ACFA meeting and making all the arrangements on local hospitality.

Dr R K Bhandari invited all members and invitees for Dinner at Bengal Club.

Meeting ended with vote of thanks to the Chair.