

## **The 2nd AsiaHEP Meeting**

### **Public Note**

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

14:00-19:00 Tuesday 26 February 2013

#### **Agenda**

1. Opening
2. AsiaHEP Bylaw
3. APPC12
4. Asia-Europe-Pacific School of High-Energy Physics
5. Status Report
6. ILC  
Linear Collider Board (LCB)  
Common Fund for Linear Collider Collaboration (LCC)  
ILC staging scenario, a proposal from Japan
7. ICFA Neutrino Panel
8. Other Business
9. Adjourn

#### **Summary**

##### 1. Opening

The second meeting of the Asia High Energy Physics Panel (AsiaHEP) was held at Budker Institute of Nuclear Physics (BINP) in Novosibirsk, Russia on February 26, 2013. Dr. Mitsuaki Nozaki, a convener of the meeting, chaired the meeting.

##### 2. AsiaHEP Bylaw

As agreed at the previous meeting held in Melbourne in July 2012, Dr. Nozaki has prepared a draft bylaw of the group. After deliberation on each article and clause, the draft bylaw was agreed by the group. Dr. Nozaki was elected as the Chairperson of the AsiaHEP for the first two years (2013-2014).

##### 3. APPC12

Dr. Nozaki briefed the group on the preparation status of the 12th Asia Pacific Physics Conference (APPC12), which will take place in Makuhari, Japan on 14-19 July 2013. The scientific program consists of a range of topical sessions (2 hours each), and four sessions are dedicated to the high energy physics field. Dr. Nozaki proposed to assign someone from energy frontier, neutrino, and flavor physics, as speakers for the HEP dedicated sessions. The group agreed to nominate conveners from each country/region (Australia, China, India, Korea and Taiwan) for the speaker selection.

Dr. Nozaki noted that international/regional conferences like the APPC would provide young scientists a good opportunity to experience the international scene.

#### 4. Asia-Europe-Pacific School of High-Energy Physics

Dr. Nozaki reported that the first Asia-Europe-Pacific School of High-Energy Physics (AEPSHEP) was successfully held in Fukuoka, Japan in October 2012. The AEPSHEP provides students and young researchers with opportunities to learn the high energy accelerators from the leading scientists in the field. The School is useful and effective in fostering future leaders of the HEP related communities. The next AEPSHEP is scheduled to take place in India in 2014. Details of the next school will be sent to the concerned parties in due course.

#### 5. Status Report

Representatives from the BINP, Australia, China, India, Japan, Korea, and Taiwan gave reports on the current activities and future plans for high energy physics/particle physics in their countries/regions.

Dr. Okada, who was invited to the final session of the European Strategy update held in January 2013 as the chair of FALC, briefed the group on the progress of the European Strategy update. Dr. Okada discussed the four high priorities described in the draft, including (c) luminosity upgrade of the LHC by 2030, (d) design studies on a possible post-LHC accelerator, (e) a possibility of Europe's participation in the ILC hosted by Japan, and (f) development of a long-baseline neutrino project and a possibility of Europe's participation in large-scale neutrino projects in other regions.

#### 6. ILC

Dr. Sachio Komamiya joined the meeting via web conference. As the Chair of the Linear Collider Board (LCB), he delivered a detailed report on the Linear Collider Collaboration (LCC), LCB, LCC common fund issues, and ILC staging scenario.

As for Japan's ILC scenario, various questions were raised from the group, such as how the operation costs would be shared among the regions, or how Japan would lead such a global research hub ensuring good governance.

#### 7. ICFA Neutrino Panel

Dr. Okada informed the group of the current progress of the ICFA Neutrino Panel. At the last ICFA meeting held in July 2012, ICFA announced that a subpanel to study and discuss accelerator-based neutrino projects is going to be formed under ICFA. ICFA is currently working on the member selection.

#### 8. Free Discussion

Dr. Nozaki discussed the possibility of creating an Asian strategy for future large-scale particle physics/high energy physics projects.

Dr. Komamiya commented that future neutrino projects that will use high power proton beams and an enormous detector would cost more than one nation can cover, and the communities in Asia may have to deal with such large-scale project as a unit. He pointed out that some regional strategy may be necessary in such case. Dr. Suzuki remarked that it would be helpful for the Asian HEP communities to have some scientific prospects, rather than strategy. Dr. Okada suggested that the Panel hold a symposium to collect scientific/political inputs from the related communities in preparation for discussing an Asia's scientific prospect.

#### 9. Other Business

The Chair requested Russia to nominate a representative for the AsiaHEP, along with nominations of additional representatives for the ACFA.

The group agreed to have the next AsiaHEP Meeting in Makuhari, Japan on July 17 (Wednesday) 2013, in connection with the APPC12.

#### 10. Adjourn

The meeting closed at 19:00.

#### Participants

Alexander N. Skrinsky	BINP Director
Yuri A. Tikhonov	BINP Associate Director
Geoffrey Taylor	CoEPP/University of Melbourne
Jie Gao	IHEP
Yifang Wang	IHEP
Alok Chakrabarti	VECC
Amit Roy	IUAC
Sachio Komamiya (EVO)	University of Tokyo
Mitsuaki Nozaki	KEK
Yasuhiro Okada	KEK
Atsuto Suzuki	KEK
BumHoon Lee	Sogang University
Guinyun Kim	KNU
Hou George Wei-Shu	NTU