

## ICFA Activities Report to IUPAP

October 2018

Pushpa Bhat, Fermilab (ICFA Secretary)

Geoffrey Taylor, CoEPP (ICFA Chair)

Since the last report, ICFA has had a meeting at the XXXIX International Conference on High Energy Physics (ICHEP2018) in Seoul, South Korea, held during July 4-11, 2018. About Twenty-eight people attended the meeting in person and two were remote participants. In this report we briefly describe the meeting and other activities of ICFA and its panels.

### 1. 82<sup>nd</sup> ICFA Meeting at ICHEP2018

ICFA had a one-day meeting on Sunday, July 8<sup>th</sup> at ICHEP2018 in Seoul. As part of the meeting, the Linear Collider Board (LCB), currently the most active ICFA panel, held a half-day session. The ICFA members also attended the LCB meeting, as has been the tradition for the past several years. The Funding Agencies for Large Colliders (FALC) also met and had a brief meeting, in conjunction with this ICFA meeting.

The LCB meeting had reports on (1) the Asian Linear Collider Workshop that was held in Fukuoka, Japan in May 2018, (2) Outcome of the MEXT ILC Advisory Panel reviews that produced a final report on July 4th, (3) progress on Japanese discussions with European and US officials, (4) progress reports to be submitted to the European Strategy update Group on behalf of the global Linear Collider Collaboration (LCC).

There were discussions on the current status of the ILC project consideration in Japan and particularly the ILC advisory panel draft report. The panel had considered all aspects of the ILC project -- the scientific potential of the ILC, cost and technical feasibility, human resources educational program, organization and management, international cooperation and the case for the 250 GeV ILC relative to the original TDR proposal of 500 GeV ILC. The report concludes with positive comments on all aspects but does not make a recommendation. The report was then submitted to the Science Council of Japan to deliberate and provide the recommendation. The global community eagerly awaits decision from Japan on hosting the ILC, expected by the end of 2018.

At the ICFA session, the LCB Chair Tatsuya Nakada gave a summary report of the LCB meeting. Grahame Blair, Chair of the FALC also reported and informed ICFA of the agreements on the continued funding of LCC through 2019. He also informed that Mike Procario of the US Department of Energy will take over as FALC Chair, starting Jan. 1, 2019.

There were reports on the status of the three major HEP laboratories – on CERN by Fabiola Gianotti, on Fermilab by Nigel Lockyer, and on KEK by Masa Yamauchi.

There was a discussion on the profiles and timeline for major HEP projects that are currently underway, those that have been approved for construction and the ones in the proposal stages.

Pushpa Bhat, ICFA Secretary, summarized the activity reports from the panel chairs, and informed ICFA of the changes to the panel memberships.

ICFA held an Executive Session before adjourning.

The next annual meeting of ICFA will take place March 7-8, 2019 at the University of Tokyo, and the subsequent meeting will be held in Toronto, on August 7, 2019, during the Lepton-Photon International Symposium.

Pushpa Bhat gave the ICFA Report at the ICHEP plenary session. Geoff Taylor chaired the session. This session was held just preceding the major Lab Directors' Forum and Round Table Discussion chaired by Jonathan Bagger on Future HEP directions.

## 2. Activities since the ICFA Meeting

Since the meeting in July, the ICFA panels continue their activities with workshops, meetings and newsletters. The Linear Collider Collaboration had a successful International Linear Collider Workshop in Arlington, Texas, October 22-28, 2018. The LCWS attendees issued a Statement in strong support of the ILC250 project in Japan.

ICFA has appointed Bruce Carlsten of Los Alamos, as the new Chair of the ANA panel, endorsing the nomination by the current Chair Brigitte Cros and the ANA panel.

The US will have two new members on ICFA starting January 1, 2019: Joseph Incandela of UCSB and Zhirong Huang of SLAC, will be replacing Nick Hadley and Dave Macfarlane, respectively.

Appendix I

**ICFA MEMBERSHIP**

October 2018

Australia

G. Taylor (Chair)

CERN Member States

J. D'Hondt  
F. Gianotti  
J. Mnich

USA

N. Hadley  
N. Lockyer  
D. MacFarlane

Japan

T. Mori  
M. Yamauchi

Russia

I. Koop  
V. Petrov

Canada

M. Roney

China

Y. Wang

Other Countries

E. Álvarez  
V. Matveev  
P.A. Naik

C11

H. Schellman

Secretary:

P. Bhat (USA)