

## Minutes of

### 2<sup>nd</sup> Institute Board Meeting of the CLIC Detector and Physics Study

Held at CERN on October 1, 2013, 12:45-14:00

**Present at CERN:** Frank SIMON (**Max Planck Institute für Physik**, Munich, meeting chair), Phil BURROWS (University of **Oxford**), Alberto RUIZ (**Spanish Network for Future Linear Colliders**), Aharon LEVY (**Tel Aviv** University), Lucie LINSSEN (spokesperson), Dominik DANNHEIM (**CERN**), Marek IDZIK (**AGH Cracow**), Ivanka BOZOVIC-JELISAVCIC (**Vinca** Institute of Nuclear Sciences, **Belgrade**), Mark THOMSON (University of **Cambridge**), Erik VAN DER KRAAIJ (**Bergen** University, replacing Gerald Eigen), Leszek ZAWIEJSKI (The Henryk Niewodniczanski Institute of Nuclear Physics, **PAN Cracow**), Titi PREDA (Institute for Space Science, **Bucharest**)

**Attended via Webex:** Konstantin AFANACIEV (**Minsk**, Bielorusia), Tomas LASTOVICKA (Institute of Physics, Academy of Sciences, **Prague**), Nigel WATSON (University of **Birmingham**)

**Apologies:** Ulrik UGGERHOJ (**Aarhus** University)

**Absent:** Marc BOLAND (Australian Collaboration for Accelerator Science **ACAS**), Harry WEERTS (**Argonne**), Yannis KARYOTAKIS (**LAPP** Annecy)

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**Link to Meeting (Indico page):** <http://indico.cern.ch/conferenceDisplay.py?confid=275460>

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#### 1) **Welcome and Approval of Agenda**

Frank Simon, the chairperson of the Institute Board (IB), welcomes the participants and congratulates Lucie to having been elected as spokesperson. The agenda is approved.

#### 2) **Report from Spokesperson** (Lucie, slides on Indico page)

##### - **Election of publication / speaker committee chairs**

Lucie proposes Aharon Levy (publication committee) / Erik van der Kraaij (speaker committee). Candidates leave the room for the following discussion and election. Lucie explains rationale for choice of candidates. No comments/objections to choice of candidates. Rolling appointment scheme foreseen for members of both committees (2 years). To be discussed how to come to this after initial appointment of all members at once (possibly longer term for some). Members of IB (present in room and via Webex) vote unanimously for accepting the proposed chairs. Aharon, Erik and Lucie will appoint other members of publication and speaker committee in the coming days.

##### - **Organizational matters**

- **CLICdp working groups**

- § WG analysis (PR, MT) suggest to maintain, becoming CLICdp WG.
- § WG on physics potential (James Wells, Gian Giudice). suggest to wait, keep as LCD working group. Not very active. Availability of possible chair persons t.b.c.. Should seek new people.
- § WG on vertex R&D (Dominik Dannheim) suggest to maintain, becoming CLICdp WG. Open up to inner/forward tracking, get more people outside CERN involved. Eventually seek 2<sup>nd</sup> chair from outside CERN.
- § WG on engineering (K. Elsener, H. Gerwig) suggest to wait, keep as LCD working group. Availability of current and other possible conveners t.b.c..
- § General considerations: Only one subdetector has its own WG (vertex), as it is the one which has very different requirements for CLIC. Other studies: ECAL common to ILC and CLIC, so should not restrict to CLIC. LC Software not formal WG, contributions from ILD, SiD, CLIC. Aharon asks if anyone organizes LC Software. Lucie: separate contacts for each concept. Frank Gaede (ILD); Norman Graf (SiD); Mark Thomson / Christian Grefe / Jan Strube / André Sailer for CLIC. Informal collaboration as is works very well. Collaborations: CALICE (Tungsten HCAL, ECAL) and FCAL. common to ILC and CLIC, should not create new parallel WGs. Concept groups ILD, SiD have their own organization.
- **Institute board** settled.
- **Executive team (ET)**. Composition: spokesperson, technical coordinator (based at CERN), other member(s). Ad interim (last IB meeting): James Wells, M. Thomson, K. Elsener (tech. coordinator). Aim for rotation. Have to check with James and Konrad about future availability. Mark is proposed as additional member, leaves the room for following discussion and approval. Candidate unanimously approved by all members of IB (present in room and via Webex). Lucie explains connection with LCC organization. Agreed with H. Yamamoto: LCC will focus on ILC, but one representative from CLIC will attend meetings, to ensure synergy. Will nominate someone (for the time being it's Mark Thomson) and make sure replacement is there for each meeting. No time set for first meeting yet.
- **Steering board**. Possible composition: ET members, IB chairperson, conveners of WGs, and representatives of major stakeholders of study groups (CALICE etc.). Should decide about mandate first.
- **MoC Annex 3** (Organizational Structure / Internal Procedures) drafting needs work. Task for spokesperson and new member of ET. Other volunteers welcome. Aim: draft by end of the year. Interested people should send email to Lucie.
- **CLICdp member list**. Collected by Konrad and Frank. List attached to Indico agenda (including LAPP as new member). Mailing lists for each institute. Can be modified by IB members or through Kate Ross. Mailing lists serve as templates for author lists, but these can also include external authors and exclude members (e.g. engineers for physics papers). CLICdp web pages: still looking for volunteers. It is agreed that the names of the CLICdp members and their institutes can be listed publicly on the web.

- **Upcoming meetings.** Please contact speaker committee to suggest talks. CLIC workshop in February: CLICdp will organize it together with the CLIC accelerator. Propose to limit detector part to 3 days. Frank: could have short wrap-up session for CLICdp on third day. No objections to the proposal.
- **Travel support.** In the framework of CLICdp studies, the CERN group can financially support travel of collaborators to CERN (from days to several months). Please contact Lucie for suggestions.

### 3) Introduction of new members

LAPP: Yannis Karyotakis (not present) is IB representative. M. Chefdeville and J.J. Blasing are active in CLIC.

Prospective members: In advanced discussion with Edinburgh, Glasgow, Santiago de Chile, Ann Arbor.

Edinburgh: performed physics study with a student ( $H \rightarrow b\bar{b}, c\bar{c}$  at 350 GeV).

Glasgow: large group, interest in physics analysis and pixel R&D with Timepix. Contact person is Aiden Robson.

Santiago de Chile: Angel Abusleme (engineer, working on FCAL, mostly electronics development), Marco Aurelio Diaz and Marcelo Vogel (physicists, Marcelo performed analysis:  $t\bar{t}H$  8 jets final state at 1.4 TeV).

### 4) A.O.B.

**Protection of IB Indico page.** For now it is public. Lucie suggests to set default status for upcoming meetings to allow access only for IB e-group members, but make agenda public after each IB meeting. Everyone agrees.

Second (overflow) IB meeting for this afternoon not needed (also no requests by IB members not present at the current meeting), therefore cancelled.

(notes drafted by Dominik Dannheim - CERN, October 1, 2013)