

## Summary Notes of

### 4<sup>th</sup> Institute Board Meeting of the CLIC Detector and Physics Study

Held at CERN on 11 June 2014, 12:30 - 13:45

**Present at CERN:** Ivanka BOZOVIC-JELISAVCIC (**Vinca** Institute of Nuclear Sciences, Belgrade), Jean-Jacques BLAISING for Yannis Karyotakis, (LAPP **Annecy**), Phil BURROWS (University of **Oxford**), Gerald EIGEN (University of **Bergen**) Konrad ELSENER (**CERN**), Marek IDZIK (**AGH** University of Science and Technology, Cracow), Tomas LASTOVICKA (Institute of Physics, Academy of Sciences, **Prague**), Aharon LEVY (**Tel Aviv** University), Frank SIMON (**Max Planck Institut für Physik**, Munich), Mark THOMSON (University of **Cambridge**), Ulrik UGGERHOJ (**Aarhus** University), Joost VOSSEBELD (University of **Liverpool**), Tadeusz LESIAK for Leszek Zawiejski (The Henryk Niewodniczanski Institute of Nuclear Physics, **Polish Academy of Sciences**, Cracow)

Also present: Lucie LINSSEN (CERN), CLICdp spokesperson

**Attended via Webex:** Konstantin AFANACIEV (**Minsk**, Bielorrussia), Titi PREDA (**Institute for Space Science**, Bucharest),

**Apologies/absences:** Mark BOLAND (Australian Collaboration for Accelerator Science **ACAS**), Marco Aurelio DIAZ GUTIERREZ (Pontifica Universidad Catolica de Chile, **Santiago**), Joel GOLDSTEIN (University of **Bristol**), Aidan ROBSON (University of **Glasgow**), Alberto RUIZ (**Spanish Network for Future Linear Colliders**), Nigel WATSON (University of **Birmingham**), Harry WEERTS (**Argonne**), James WELLS (University of **Michigan**)

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**Link to Meeting (Indico page):** <http://indico.cern.ch/event/321996/>

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#### 1) Welcome and 'around the table'

Frank Simon welcomed everybody to this IB meeting and remarked that, for the first time, the IB did not have to discuss any administrative MoC matters at its meeting. The members present at CERN and participating via Webex briefly introduced themselves "around the table".

## 2) Report from the Spokesperson

Lucie Linssen gave the traditional CLICdp status report.

### a) Update on the CLICdp collaboration

The collaboration now has 23 partners, with University of Bristol joining earlier this year. Discussions are under way with a group in Kiev, and a group from Brazil (member of the Medipix collaboration) has expressed interest in possibly joining the collaboration.

The different roles in CLICdp, as foreseen in the MoC, are all filled. Details are given in Lucie's slides.

Three CLICdp working groups are active - the WG on engineering topics has most of its activities integrated in the vertex and/or the detector optimisation WG. There is presently no need to create an additional CLICdp WG.

### b) Update on possible reviewing process in the European Strategy context

The proposal to have a common review process for FCC and CLIC is gradually being implemented. On the accelerator side, this will be done by the "CERN Machine Advisory Committee" (formerly LHC MAC). On the side of physics and detectors, a committee in charge of these reviews has still to be chosen.

It is now probable that a common FCC/CLIC physics paper will be written in a couple of years.

### c) CLICdp visibility at CERN, and CLICdp user registration

The CLICdp collaboration is now visible in CERN's main web directory <http://directory.web.cern.ch/directory/> as well as in the CERN-style outreach pages, see <http://home.web.cern.ch/about/clicdp/>.

The collaboration is also officially integrated in the CERN "grey book" of experiments <http://graybook.cern.ch/programmes/experiments/other/CLICdp.html> (these web pages are soon to be updated). So far 11 institutes are registered. Kate Ross will contact the others to encourage them to set up CERN teams for CLICdp. Note that users can register with multiple experiments, e.g. ATLAS and CLICdp.

### d) Discussion

The topic of CLICdp- (or more generally CLIC-) visibility, both inside and outside CERN, led to some discussion.

It was agreed that the notion "CLICdp" should appear on all our slides, posters, notes and papers (rather than "CLIC detector and physics collaboration" or similar). This should enhance visibility and "search-ability" on the web.

The CLIC logo has to be made more easily available on our web-pages for those who want to download and use it in their slides and posters. On the other hand, the need for templates (for e.g. posters) was not deemed pressing.

The possibility of a CLICdp logo will be investigated, in close collaboration with the CLIC accelerator team.

### **3) Update on AIDA2020**

Konrad Elsener summarized the status of the AIDA2020 proposal (previously called "AIDA-2"), which is to be submitted by 2 September 2014. The proposal will have 15 work-packages, of which 7 are Networking Activities, three are Transnational Access to infrastructures for detector testing, and three are Joint Research Activities (see the slides for further details). The overall AIDA2020 budget will be around 25 M€, with 10 M€ requested from the EU.

The coordination has decided that a beneficiary should appear with a minimum of 40 k€ from the EU in the project (which implies, in most cases, matching funds of 60 k€ to be provided). Other internal rules concern the total number of beneficiaries (aiming for not more than 30) and the options for "sub-contracting", "associate partners", etc..

Many CLICdp groups are participating in AIDA2020, and several are going to be beneficiaries in activities such as software, pixel detectors, calorimetry etc.. Details of the different work-packages as well as the nomination of work-package leaders are still being discussed.

### **4) A.O.B.**

A) The CERN team pointed out that participation in the meetings of the technology collaborations (CALICE, FCAL) is a lot more fruitful than travelling to the smaller "regional" linear collider workshops.

It is generally felt that one linear collider workshop per year (the LCWS series) is sufficient. The agenda of the "regional" workshops has so far been kept very similar to the LCWS, which many think is not a good choice. Suggestions to change the format of the "regional" workshops will be made, possibly together with the CALICE and FCAL collaborations.

B) The 5th IB meeting has not yet been scheduled. It is likely to take place at CERN, in connection with one of the combined analysis + detector optimisation meetings. Possible time windows are end of September or end of October 2014. (A further IB meeting will take place during the CLIC workshop, 26-30 January 2015).

(Notes by Konrad Elsener - CERN, 18 June 2014)