



CLIC-CTF3 Collaboration Board

Minutes of the 19th meeting

30th January 2015

Participation:

Australia	M. Boland (ACAS)
CERN	R. Corsini (CERN)
	S. Stapnes (CERN)
	A. Augier (CERN)
China	L. Ma (Shandong University)
Estonia	V. Zadin (University of Tartu)
Finland	M. Aicheler (HIP)
Germany	S. Hillenbrand (KIT)
Greece	E. Gazis (NTUA)
India	P. Shrivastava (RRCAT)
Iran	H. Shaker (IPM)
Italy	G. D'Auria (Synchrotrone Trieste)
Norway	E. Adli (University of Oslo)
Spain	F. Toral (CIEMAT)
Sweden	T. Ekelöf (Uppsala University)
	R. Ruber (Uppsala University)
Switzerland	L. Rivkin (PSI, EPFL) – <i>Chairman</i>
Russia	G. Shirkov (JINR)
Turkey	M. Dogan (IAT Ankara)
UK	P. Burrows (Oxford)
USA	S. Tantawi (SLAC)

Apologies:

Denmark	U. Uggerhoj (Aarhus University)
Finland	K. Osterberg (HIP)
Italy	A. Ghigo (INFN)
Madagascar	H.T: Rakotondramanana Hery Tiana

1. Approval of minutes and agenda (07.02.2014)

L. Rivkin welcomes all participants reminding that the agenda and corresponding documentation for this meeting are available on Indico at:

<http://indico.cern.ch/event/364083/>

No modifications are made to the agenda. Minutes of the previous meeting (07.02.2014) are approved without any comment. There were no pending actions to mention.

2. Main issues from the workshop and goals for 2015

S. Stapnes presents his slides shown during the summary of the CLIC workshop 2015 the same morning.



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In 2014, some goals were achieved (e.g. Aim to get XBOX 2 operational, Place main contracts for DB FE project, Lab and CTF3 modules, Operation of CTF3 programme in general incl. feed-forward and beam loading experiments, Exploitation of EU programmes -Horizon 2020, Studies of Detector and Physics towards Energy Frontier physics, Definition of common goals with FCC...).

Some goals will be on-going in 2015:

- completion of re-baselining of a staged implementation taking into account the Higgs energy scale and improved power/cost models,
- EDMS cleanup,
- Power/energy reduction programmes (high visibility),
- definition of the future system test plans and opportunities,
- adaptation and preparation of CLIC presentation for appropriate machine committees (PAC and CMAC),
- Work-package implementation agreements with existing and new collaborators...

And new goals are defined:

- Follow up new baseline parameters with preparation for re-costing and provide new power estimates (this includes the documentation for new parameters)
- Summarize system test plans beyond CTF3,
- EDMS updates for the project (in view of collaboration information and future project plan documentation)
- Prepare for PAC and CMAC interactions in April and Autumn
- Aim for “solid” results for the dogleg experiment, phase forward and module in CTF3,
- Get all test-stands into full operation and define new structure(s) for industrial production,
- Obtain first results from the drive beam gun and sub-harmonic buncher
- Follow up XFEL collaboration plans and alternative funding schemes (attempt to follow XBFEL project plan)
- Define with ATF teams better the CLIC specific goals,
- Plan the 2nd generation module plans into work-packages,
- Pursue the experimental program for CLIC damping ring technologies at ANKA (wiggler) and ALBA (stripline kicker) and pave the path towards future world collaborations in Low Emittance Rings (beyond EUCARDII)

3. Discussion on post CTF3 beam test facilities and collaboration involvement

R. Corsini shows his presentation given during the CLIC workshop and available at:

<http://indico.cern.ch/event/364083/>

After a short discussion, the Collaboration Board agrees to set up a small task force including S. Stapnes, R. Corsini, E. Adli and P. Burrows. This task force will write an expression of interest. This is an urgent task because of the budget situation at CERN (20% increase due to exchange rate) + ICFA pushing to keep these test facilities alive.

Action 1: Expression of interest to be written (S. Stapnes, R. Corsini, E. Adli and P. Burrows).



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S. Stapnes mentions he will report to ICFA meeting end of February.

Any comments from the CB members would be really appreciated. Institutes are requested to inform on their future plans (people, material, etc.).

Action 2: Collaboration members to send their future plans regarding CTF3.

4. LCC issues: ILC status of joint CLIC/ILC activities

S. Stapnes reminds the Collaboration Board of the common work being done with the ILC community. As far as the Japanese site is concerned, Kitakami has been selected as the preferred site by the ILC Community. MEXT is now carefully studying the ILC and committees have been set up.

S. Stapnes also mentions that there is a common framework requested by the CERN Management for the study of the Future Circular Collider (FCC). CLIC and FCC will report to CERN MAC (Autumn 2015). R&D projects should report using the same tooling for cost, power, CES ...

5. Next CB Chair election

P. Burrows reminds that the last election took place in May 2012.

He suggests setting up a new committee, which would search for potential candidates for the next CB Chairman's mandate. It is suggested that this Committee proceeds by e-mails.

The timescale is the following:

- List of potential candidates received by mid-April
- Election by September.

G. D'Auria, T. Ekelof and P. Burrows volunteers for the Search Committee. This decision is endorsed by the Collaboration Board members.

6. WEB pages and collaboration information

S. Stapnes and A. Augier present the new web pages available at the following URL:
<http://clic-study.web.cern.ch>

The work has mainly been done by A. Safronava, collaborator from SOSNY (Belarus).

Collaborators are requested to have a look to the new pages. Any comments are most welcome. A. Augier also reminds that inputs are needed from each institute to fill-in the "List of members" page:

<http://clic-study.web.cern.ch/content/list-members>

Action 3: institutes to provide their information ASAP (reminders already sent)



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7. Next meetings

S. Stapnes reminds the dates of the next CLIC Project meetings and main Conferences & Workshops.

- CLIC Project Meetings: Tuesdays 31 March, 9 June, 29 September and 1st December 2015.
- Main Conferences:
 - 6th International Particle Accelerator Conference (IPAC15), Richmond-USA, 3-8 May 2015
 - International Workshop on Linear Colliders (LCWS15), Whistler – Canada, 2-6 Nov. 2015
- Workshops:
 - Asian Linear Collider Workshop, KEK-Japan, 20-24 April 2015
 - CLIC Workshop: 25-29 January 2015 (**The date was then moved to the previous week 18-22 January** to avoid a clash with the Chamonix workshop)

A complete list of events is available on the CLIC study website:

<http://clic-study.web.cern.ch/content/upcoming-events>

8. AOB and close

No additional points nor comments are made to the agenda. L. Rivkin thanks all participants for this fruitful meeting and closes the meeting