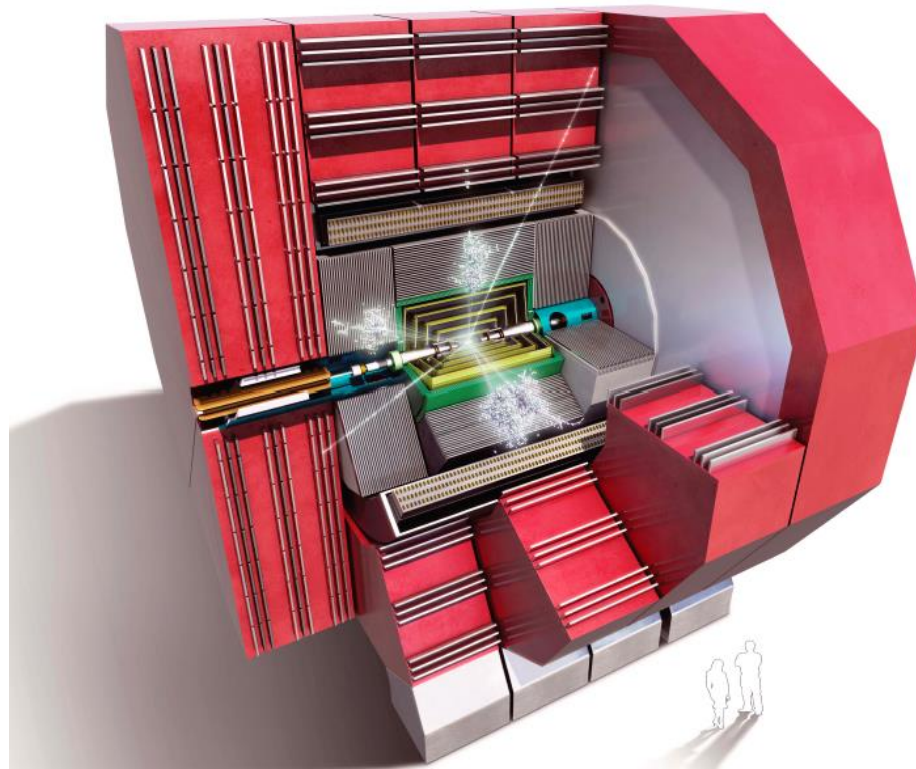


General news

CLICdp monthly meeting Mar 30th 2015



CLICdp 2-day + AIDA 2020 kick-off meetings

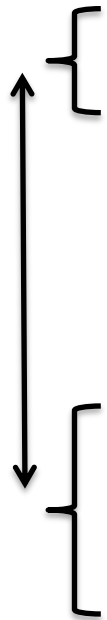


CLICdp 2-day meeting : June 2+3 at CERN

Structure of the agenda is preparation (see next slide)

AIDA 2020 kick-off: June 3+4+5 at CERN

June 3rd	June 4th	June 5th
10→12h Plenary Overview Communication	9h→12h30 Parallel meeting for WP6, WP13, WP14, + All TA in one session	8h30-13h Plenary meeting with summary for // meetings (15'+5)
14h→18h Parallel meeting for WP2, WP3, WP9, WP15	14h→18h Parallel meeting for WP4, WP5, WP7, WP8	14h→16h Governing board meeting (Institute representative)
18h→19h30 Steering Group meeting (All WP coordinators)		
	Cocktail/Dinner at CERN	



- WP2: Innovation and Outreach
- WP3: Advanced Software
- WP9: New support structure and microchannel cooling
- WP15: Upgrade of beam and irradiation test infrastructure

CLICdp meeting June 2+3



CLICdp meeting registration open: <http://indico.cern.ch/event/376800/>

Tentative schedule (subject to change, will depend on attendance / #talks)

Tuesday 2/6	session
am-early	plenary CLICdp
am-late	physics / analysis / software
lunchtime	institute board meeting (? or next day ?)
pm-early	tracking / vertex R&D
pm-late	detector optimisation
evening	CLICdp collaboration dinner

Wednesday 3/6	session
am-early	physics / analysis / software
am-late	tracking / vertex R&D
lunchtime	institute board meeting (? or previous day ?)
pm-early	ECAL / HCAL / FCAL R&D
pm-late	plenary CLICdp

Session conveners will be nominated shortly

Upcoming meetings / events



See CLICdp web page, list set up by Speakers Committee:

<https://twiki.cern.ch/twiki/bin/view/CLIC/UpcomingConferences>

E.g.:

ALCWS2015

<http://www-conf.kek.jp/alcw2015/>

April 19-24, at KEK + Tokyo

LC top workshop

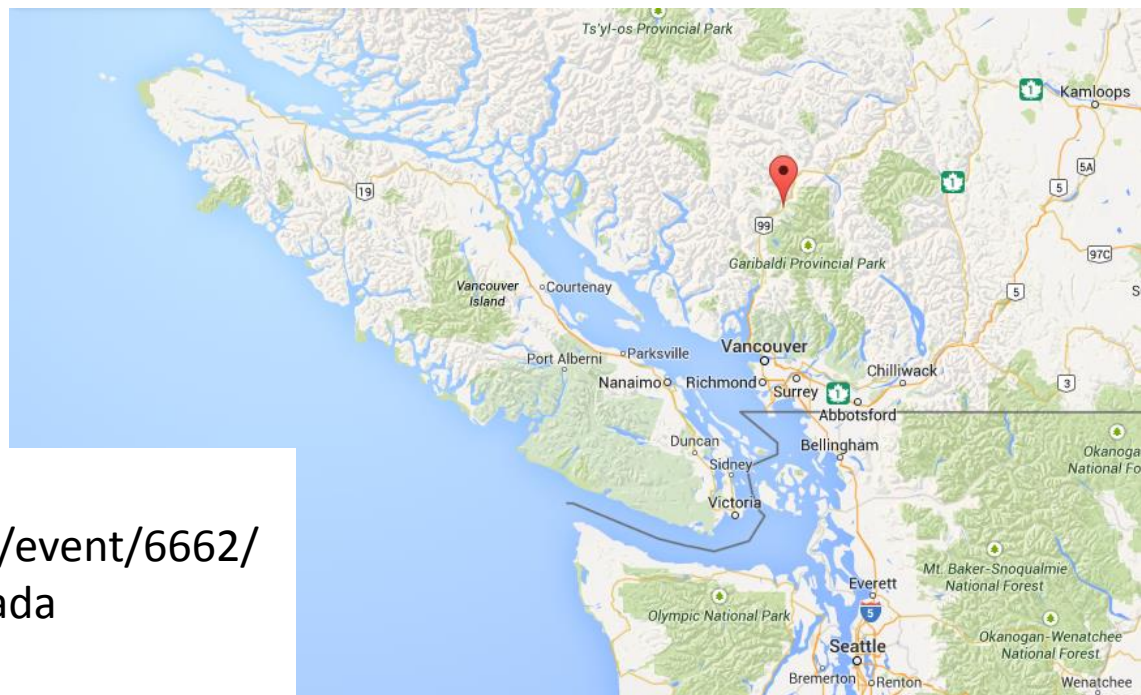
End of June 2015, Valencia

LCWS15

<http://agenda.linearcollider.org/event/6662/>

Whistler, British Columbia, Canada

November 3-6



Organisational news



Mandates are finishing this year:

- **Chair of the CLICdp Institute Board**
 - Currently Frank Simon, mandate until end-June 2015
- **CLICdp Spokesperson**
 - Currently LL, mandate until end 2015

Voting for the Chair of the CLICdp Institute Board is ongoing

Two candidates:

- [Aidan Robson](#) (Glasgow Univ.)
- [Alberto Ruiz](#) (Spanish LC network, IFCA CSIC – Univ. of Cantabria)

New CLIC Tracker Technology working group has started

<http://indico.cern.ch/category/6243/>

To sign up for the mailing list, please contact Wolfgang Klempt or Kate Ross

CLIC Higgs paper



Since the CLIC workshop:

- **Progress with several analyses**
- **Editing process ongoing, comments have been implemented**

Nightly build of the paper:

<http://proloff.web.cern.ch/proloff/clichiggspaper/>

A few (3-4) analyses are still being completed

CLIC detector optimisation (1)



A few recent developments

Forward coverage studies, involving also the CLIC MDI working group

- QD0 inside the detector?
- QD0 outside the detector?

For the case where QD0 would be out of the detector => agreed on $L^* = 6$ m

Ongoing HCal optimisation studies

- Optimisation for granularity is ongoing
- Timing issues tungsten/steel better understood (choice of software flag)
- => allows for study on forward coverage

- Extending the HCal Coverage improves the efficiency and resolution for forward jets, even with the increased acceptance of $\gamma\gamma \rightarrow had$
 - 120 mm model shows some low-end tail that could be due to background (and perhaps could be vetoed)
 - **Out of the box, 240 mm seems like a good compromise**
 - Again, need to investigate in more detail

CLIC detector optimisation (2)



Further recent developments

Software development

- DD4hep development and detector geometry implementation in DD4hep
 - See: <https://twiki.cern.ch/twiki/bin/view/CLIC/CLICNewDetectorModel>
- Track finding/reconstruction

CLIC silicon tracker

- Simulation and design studies ongoing
 - Occupancies
 - Technologies
 - Optimised layout

