

(Very) Short Summary of the CLICdp IB Meeting



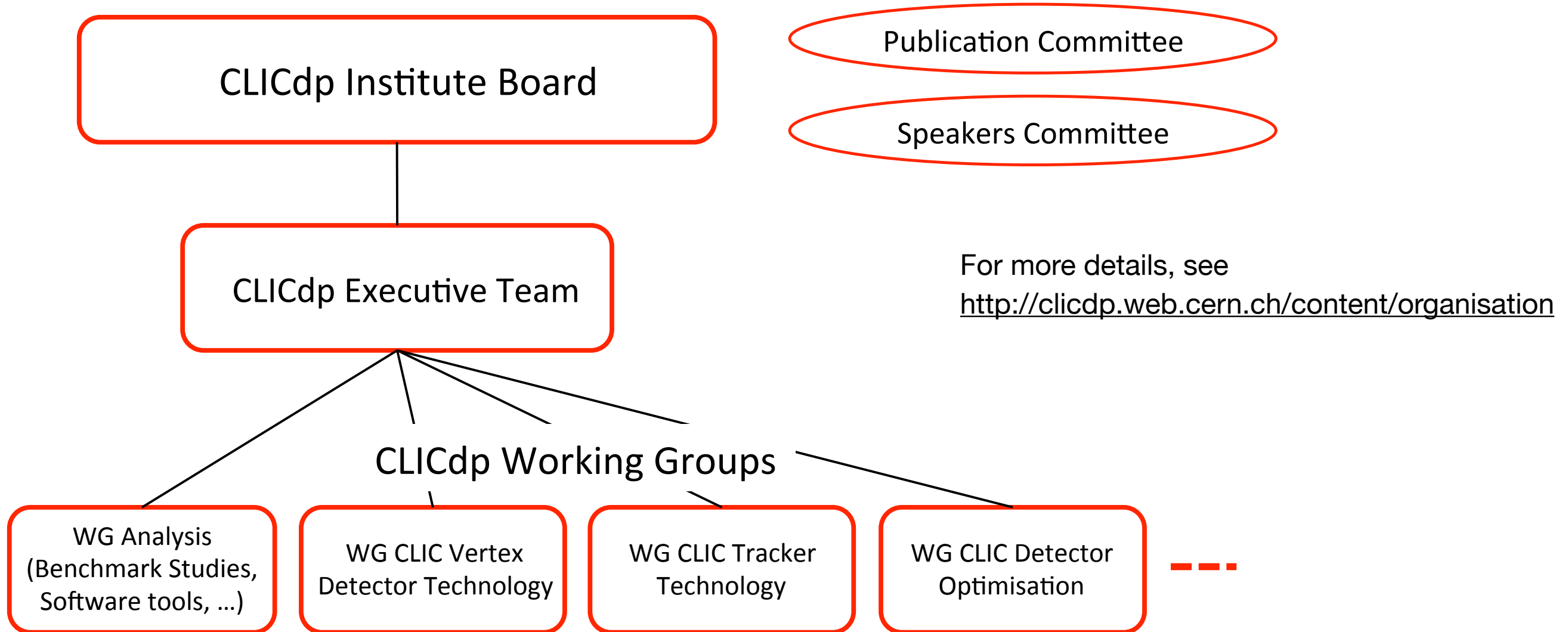
CLIC Workshop
January 2015

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Max-Planck-Institut für Physik
(Werner-Heisenberg-Institut)

Continuing Evolution



- New working group on “CLIC Tracker Technology” - Wolfgang Klempert as convener
- Rotations of members in the publication and speakers committee

Upcoming Elections and Meetings in 2015

- The CLICdp MoC foresees a term of office of two years for the IB chair and the spokesperson
 - IB Chair term of office will end in **June, 2015**
 - Spokesperson term of office will end in **December, 2015**
- Elections will take place:
 - In Spring for the IB Chair
 - In Fall for the Spokesperson, to be organised by the new IB Chair

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- Future workshops
 - As in 2014, hold a “2-day CLICdp Workshop” in ~ June at CERN, with IB meeting - date to be decided
 - In addition: Regularly “clustered” working group meetings, to make outside attendance as efficient as possible

Intense Discussions on the “real” Questions

- Ongoing activities on the re-baselining of CLIC staging: Need to define the energy of the first stage for the machine to make progress
 - Trade-off between:
 - Higgs physics: model-independent HZ measurement degrades when going from 350 to 420 GeV, requiring a factor of 2 in luminosity to recover
 - Top physics: Sensitivity to form-factors improve with increasing energy, best sensitivity in the energy range from ~420 GeV to 700 GeV

N.B. A top threshold scan with 100 fb^{-1} around 350 GeV is included, the discussion is about the energy where the majority of the integrated luminosity will be taken.

⇒ As reported by Mark this morning, **380 GeV** is selected, as the best choice based on the current level of understanding