



CLICdp news

CLICdp General Meeting
22 November 2021

Aidan Robson



ECFA Higgs Study



WG2 (Physics Analysis Tools)

1st Topical Workshop on Generators took place 9–10 November
<https://indico.cern.ch/event/1078675/>

Hybrid – around 35 connected and 10–15 in the room

Day 1 – representatives from most generators

Day 2 – software and production issues

To be followed up with seminar-like sessions
on particular narrow issues, plus potential
workshop in summer (Siegen?)

Contacts for generators identified:

- PYTHIA: Ilkka Helenius
- HERWIG: Simon Plaetzer
- SHERPA: Alan Price
- Madgraph5_aMC@NLO: Stefano Frixione
- KKMC: Staszek Jadach
- Tauola et al: Zbigniew Was
- WHIZARD: Juergen Reuter
- Powheg: Emanuele Re
- BabaYaga: Carlo Carloni Calame
- Geneva: Simone Alioli
- Guinea Pig: Daniel Schulte
- Circe: Thorsten Ohl

Future WG2 topical workshops:

Simulation 1–2 February, Padova (hybrid)

Reconstruction Spring, date TBA



ECFA Higgs Study



WG1 (Physics Programme)
defining topical groups and identifying conveners

– intending seminars
and topical workshops

WG1-PREC: Precision calculations and theoretical, parametric and experimental systematic uncertainties

WG1-EFT: Global interpretation in (SM)EFT and UV complete models

WG1-HTE: Higgs, top and electroweak physics

WG1-HF: Flavour Physics

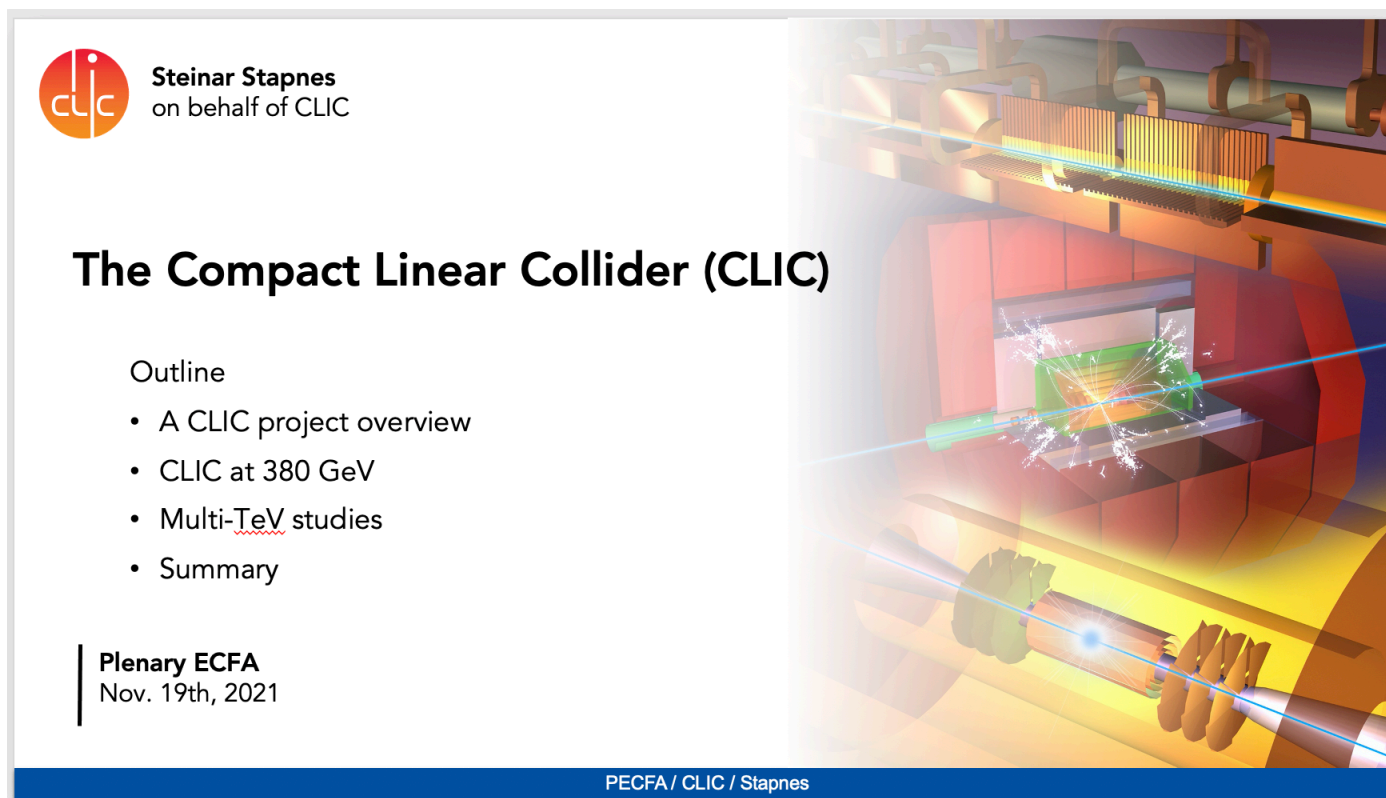
WG1-SRCH: Direct discovery potential


WG3 (Detector R&D)
– First discussion in International Advisory Committee this week

ECFA Open Plenary meeting last Friday, 19th November

<https://indico.cern.ch/event/1085137/>

– see Steinar's CLIC overview



 **Steinar Stapnes**
on behalf of CLIC

The Compact Linear Collider (CLIC)

Outline

- A CLIC project overview
- CLIC at 380 GeV
- Multi-TeV studies
- Summary

Plenary ECFA
Nov. 19th, 2021

PECFA / CLIC / Stapnes



CLICdp Institute Board



Wolfgang Kilian elected for second term as chair
– thanks to Wolfgang for availability!



Institute Board will meet
Thursday 2nd December, 1pm CET
<https://indico.cern.ch/event/1096789/>

Items for discussion include spokesperson election,
collaboration organization, and new institutes



Today's agenda



CLICdp - General Meeting



Monday 22 Nov 2021, 15:00 → 17:00 Europe/Zurich

Aidan Robson (University of Glasgow (GB))

Description Connection via zoom:

Join Zoom Meeting

<https://cern.zoom.us/j/67234521404?pwd=dkZnZGNJRGIPQXdRM3ZCVGFJRDRZz09>

Meeting ID: 672 3452 1404

Passcode: 3141

Apologies: Phil, Aharon

15:00 → 15:10 **News**

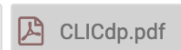
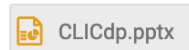
Speaker: Aidan Robson (University of Glasgow (GB))

🕒 10m



15:10 → 15:35 **Luminosity studies for CLIC at 380 GeV**

Speaker: Daniel Schulte (CERN)



🕒 25m



15:35 → 16:00 **A dual beam delivery system for two interaction regions at CLIC**

Speaker: Vera Cilento (CERN)



🕒 25m



16:00 → 17:00 **Analysis Forum**

Speakers: Aleksander Zarnecki, Philipp Roloff (CERN)

⋮ **Status of the Hidden Valley analysis at 350 GeV**

Speaker: Mateusz Jacek Goncerz (Polish Academy of Sciences (PL))

🕒 1h



🕒 20m

