

Reminder: ECFA Higgs Study

- ◆ Kickoff meeting: **Friday 18th June**, 2pm CEST

<https://indico.cern.ch/event/1033941/>

14:15 → 15:30 **Working Group 1: Physics Potential**

14:15 **Experimental challenges at future e+e- colliders**

Speaker: Emmanuel Francois Perez (CERN)

14:40 **Challenges in global interpretation of data from future e+e- colliders and interplay with HL-LHC**

Speaker: Jorge de Blas Mateo (University of Notre Dame)

15:05 **Theoretical challenges for future e+e- colliders**

Speaker: Michael Peskin

15:30 → 15:45

Coffee / tea break

15:45 → 17:05 **Working Group 2: Physics Analysis Methods**

15:45 **Physics Event Generators, BeamConditions (Beamstrahlung, Polarization), Standard Candles and Luminosity**

Speaker: Wolfgang Kilian (University of Siegen)

16:05 **Physics Performance (reco Pflow, Kinematic fit, tracking, PID)**

Speaker: Philipp Roloff (DESY)

16:25 **Detector Simulation (FastSim and Full Sim etc.)**

Speaker: Daniel Jeans (University of Tokyo)

16:45 **Software Ecosystem**

Speaker: Gerardo Ganis (CERN)

Register for meeting to join E-group
for future updates

17:05 → 17:25 **Way-ahead with the WG1 and WG2 activities**

Future open scientific meetings



◆ Initially: regular monthly open scientific meetings, each organised by 2–3 Topical Groups – frequency will increase gradually as more people join. Schedule:

- **Thursday 17th June**, 3pm CEST
- **Thursday 15th July**, 3pm CEST
- **Thursday 12th August**, 3pm CEST
- **Thursday 16th September**, 3pm CEST

Global Interpretations and BSM talks including: Status update on EFT fits
Connecting UV models to EFTs

◆ All listed on indico (linked from main WG3 Physics webpage)

<https://agenda.linearcollider.org/category/266/>

◆ Sign-up for mailing lists, overall WG3 and topical lists:

<https://agenda.linearcollider.org/event/9154/>

WG3 Modelling and Precision Theory TG meeting

- ◆ Modelling and Precision Theory Topical Group initial dedicated meeting:

– **Thursday 10th June**, 5pm CEST

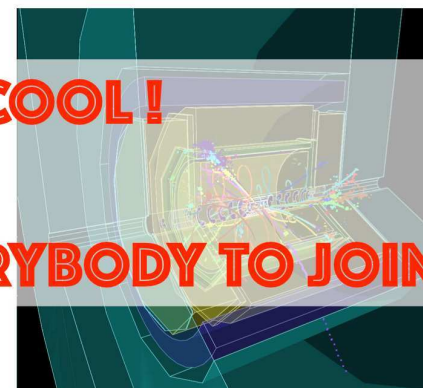
<https://agenda.linearcollider.org/event/9274/>

Connection information on indico

+ email announcement by Juergen today

Goals, next steps Invitation to Join & Collaborate

- Transferral of SLC/LEP legacy, smoothly enhancing existing ILC simulations (+ CLIC / CEPC)
- Identify need for improvement from theory + simulation
- Motivate people to work on ILC theory, precision & simulation
- Contacted large group of theorists and experimentalists this week, **hope for more (crowd sourcing)**
- **First Working Group Meeting: Thu, June 10, 2021 1700 hrs CERN time, 2400 hrs KEK time**



Ritsch, ÖAW
[Austrian
Academy of
Sciences]

ILD Event
Display