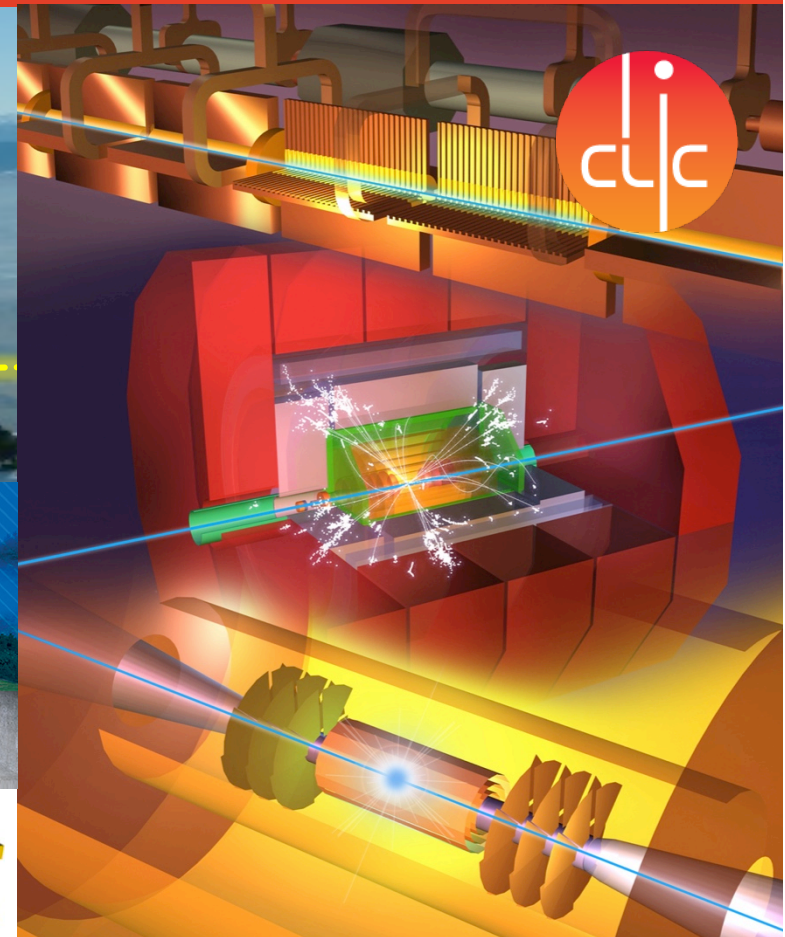


ECFA studies towards an e^+e^- Higgs/EWK/top factory



LC Europe, 5 April 2023

Aidan Robson, University of Glasgow

Forthcoming activities in spring

Main entry point for study: <https://indico.cern.ch/event/1044297/page/22669-overview>

◆ WG1: Physics programme

14 April 23 (morning) WG1-SRCH (Direct searches: weakly-interacting, directly accessible particles)
Standard and exotic Scalars at future HET factories

<https://indico.cern.ch/event/1253605/>

14 April 23 (afternoon) WG1-PREC (Precision in theory & measurement)
Cross-section Lineshapes mini-workshop

<https://indico.cern.ch/event/1271343/>

12 May 23 WG1-HTE (Higgs, Top, and Electroweak)
mini-workshop on e+e- physics at 160-240 GeV

<https://indico.cern.ch/event/1271419/>

◆ WG2: Physics analysis methods

21–22 June 23 2nd Topical Meeting on Generators (Louvain)

<https://indico.cern.ch/event/1266492/>

July, dates TBC: 2nd Topical Meeting on Reconstruction (CERN)
– focusing on higher-level tools

'Focus topics' intended to bring people together across projects are in advanced state of preparation:

People with expertise in these areas are being contacted; wider call for participation will follow

◆ WG3: Detector technologies

3–4 May 23 Topical workshop on Calorimetry, PID, and Photodetectors (CERN)

<https://indico.cern.ch/event/1256374/>

30–31 May 23 Topical workshop on Tracking and Vertexing (CERN)

<https://indico.cern.ch/event/1264807/>

ECFA workshop 2023, 11–13 October, Paestum

- ◆ Hosted by INFN Napoli, Università degli Studi di Napoli Federico II & Università degli Studi di Napoli Parthenope

Second ECFA Workshop on on e⁺e⁻ Higgs/EW/Top Factories, October 11-13, 2023, in Paestum (Salerno)

Oct 11 – 13, 2023
Hotel Ariston, Paestum
Europe/Rome timezone

Enter your search term

Overview

Program committee

Venue and accommodation options

Registration

Transportation options

Getting to know Paestum

The 2023 meeting of the ECFA study on physics and experiments at e⁺e⁻ Higgs/EW/Top Factories will take place in Paestum (Salerno) at the Ariston Hotel from **October 11 to 13, 2023**.

This meeting is intended to be an **in-person meeting**.



SECOND • ECFA • WORKSHOP
on e⁺e⁻ Higgs / Electroweak / Top Factories

11-13 October 2023
Paestum / Salerno / Italy

Topics:

- Physics potential of future Higgs and electroweak/top factories
- Required precision (experimental and theoretical)
- EFT (global) interpretation of Higgs factory measurements
- Reconstruction and simulation
- Software
- Detector R&D

**Registration will open imminently
→ watch for announcement**