

# Report from Physics Coordinators

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on behalf of the Physics WG



**ILD Software and Analysis meeting**  
**April 12, 2023**

## ILC IDT WG3 activities

IDT WG3 Steering Group Meeting yesterday

- ILC Technology Network (ITN) budget request finally approved by Japan's Diet. **Discussions ongoing on the implementation plan...**
- P5 Energy Frontier Town Hall meeting at BNL this week  
Andy White will present Detectors for Linear Colliders on Thursday  
**One of the key messages: early start of targeted R&D critical**  
<https://indico.bnl.gov/event/18372/timetable/>
- Statement of the Americas Linear Collider Committee (ALCC) to P5, with highlights of the Higgs factory physics case and ILC advantages **should be released to arXiv soon**

New ILC graphics & plots repository:

[https://github.com/linearcollider/ILC\\_plots\\_and\\_graphics](https://github.com/linearcollider/ILC_plots_and_graphics)

## Conferences

**EPS-HEP 2023** Hamburg, 21-25 August 2023

<https://indico.desy.de/event/34916/>

Abstract submission open, deadline: June 1.

**TIPP2023** Western Cape, 4-8 September 2023

<https://indico.tlabs.ac.za/event/112/>

Abstract submission open (no deadline given)

## Coming events

**ECFA WG1-SRCH topical meeting**, Friday, April 14th, 9:00-12:30 CEST  
Focused on standard and exotic scalars.

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

**ECFA WG1-PREC mini-workshop**, Friday, April 14th 2023, 15:00-17:00  
Cross Section Lineshape measurements at future  $e^+e^-$  colliders

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

**IDT WG3 Open Physics meeting**, Thursday, **April 20**, 15:00 CEST  
Talks on:  $\mu^-e^+$  collider,  $H \rightarrow Z\gamma$ , Heavy Neutral Leptons

<https://agenda.linearcollider.org/event/9884/>

## Software and Analysis meeting schedule

Usually every two weeks on Wednesday at 14:00 CERN time

- April 12 (Frank)
- April 26 (Daniel)
- May 10 (Filip)
- May 24 (Taikan)

Please use conveners' email list, if you want to present your results  
[ild-physics-conveners@desy.de](mailto:ild-physics-conveners@desy.de)

## Today

- Probing the nature of heavy neutrinos (Krzysztof Mekała)