

# Report from Physics Coordinators

Aleksander Filip Źarnecki  
on behalf of the Physics WG



**ILD Software and Analysis meeting**  
**December 20, 2023**

## Meetings

### ILD meeting at CERN

getting into shape...

<https://agenda.linearcollider.org/event/10211/>



A detector for a Higgs factory and beyond: ILD

15–17 Jan 2024  
CERN  
Europe/Warsaw timezone

Enter your search term

Overview

Timetable

Contribution List

My Conference

↳ My Contributions

Registration

Participant List

CERN registration

### Timetable

< Mon 15/01 Tue 16/01 Wed 17/01 All days >

Print PDF Full screen Detailed view Filter

13:00	<b>Plenary</b>	
14:00		
	CERN	13:00 - 15:00
15:00	<b>Coffee break</b>	
	CERN	15:00 - 15:30

## Meetings

### ILD meeting at CERN

getting into shape...

<https://agenda.linearcollider.org/event/10211/>

More detector oriented plenaries on Monday and Tuesday,  
including “Software and Analysis Tools” on Tuesday.

Physics plenary presentations on Wednesday, analysis plans and priorities,  
also presentation of ILD papers to be released soon as “highlights” ...

Parallel session block on “Software and analysis” on Tuesday afternoon.

Possible topics for discussion: my personal guess

- plans and involvement in ECFA focus topics
- new developments with flavour tagging
- analysis ideas with novel detector technologies

But other topics are also welcome! **Please consider presenting your results.**

## Meetings

### ILD meeting at CERN

getting into shape...

<https://agenda.linearcollider.org/event/10211/>

More detector oriented plenaries on Monday and Tuesday,  
including “Software and Analysis Tools” on Tuesday.

Physics plenary presentations on Wednesday, analysis plans and priorities,  
also presentation of ILD papers to be released soon as “highlights” ...

Parallel session block on “Software and analysis” on Tuesday afternoon.

Possible topics for discussion:

my personal guess

- plans and involvement in ECFA focus topics
- new developments with flavour tagging
- analysis ideas with novel detector technologies

But other topics are also welcome! **Please consider presenting your results.**

CERN registration procedure available for those without CERN access!

## Meetings

### LCWS'2024

Tokyo, Japan, **July 8-11(12), 2024**

<https://agenda.linearcollider.org/event/10134/>

Suggested structure:

- Monday and Thursday mainly plenary
- Tuesday and Wednesday mainly parallel
- poster session on Monday (encourage younger people)
- Friday kept for satellite meetings (!)

Option of journal proceedings is being discussed

(also to encourage people to submit their contributions)

Abstract submission opens January 15 (deadline: April 26th)

## Meetings

### LCWS'2024

Tokyo, Japan, **July 8-11(12), 2024**

<https://agenda.linearcollider.org/event/10134/>

Physics and Detector parallel sessions planned:

- Higgs, Electro-Weak
- Top quark, QCD, Flavour, Precision Modelling
- BSM, Global Interpretations
- Vertex, Tracking, Timing
- Calorimetry, Muon
- Software, Reconstruction, Computing

Please consider your contribution...

## Software and Analysis meeting schedule

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

- December 20 (today)
- January 10
- January 31
- February 14

Please use conveners' email list, if you want to present your results

[ild-physics-conveners@desy.de](mailto:ild-physics-conveners@desy.de)

Physics conveners' meeting every other Wednesday, at 13:00 CERN time

## Today

- Emanuela Musumeci, Exploring hidden sectors with two-particle angular correlations at future  $e^+e^-$  colliders
- Peter McKeown, First physics benchmark for ML generated photon showers in ILD Ecal