



Report from Physics Coordinators

Keisuke Fujii
on behalf of the Physics WG
January 19, 2022

ILC Situation in Japan

MEXT Review

***6th Meeting tomorrow on Jan. 20
full draft report will be shown***

IDT Phys/Det WG (WG3)

<https://linearcollider.org/team/wg3/>

WG3 Meeting every two weeks (last one on Jan. 12)

- ***Updates in Japan (mostly about MEXT panel)***
- ***Subgroup reports***

Physics Potential & Opportunity Group

- Schedule for regular open meetings:
 - August 12: talks from Tim Barklow on $e\gamma \rightarrow eH$ and on the new CEPS paper
 - September 16: talks from Matt Basso on $H \rightarrow ss$ and from Yu Kato on $H \rightarrow 4b$
 - No meeting in October
 - November 11/12: bottom, e^+ pol, SMEFT, $t\bar{t}$ threshold (see next page):
<https://agenda.linearcollider.org/event/9351/>
 - December 16/17: generators, CPV in SMEFT, H^3 effects in 2HDM, energy calibration and luminosity spectrum (GW)
<https://agenda.linearcollider.org/event/9352/>
 - Jan. 13, **Feb. 10**, Mar. 10, Apr. 14
- Snowmass is restarting (EF from July);
 - EF workshop Aug. 30 - Sep. 3* <https://indico.fnal.gov/event/49756/>
 - Snowmass Day (all frontiers) Sep. 24* <https://indico.fnal.gov/event/50538/>

Software & Computing Group

Software tutorials <https://agenda.linearcollider.org/category/273/>

- July 21, Introduction to iLCSoft: <https://agenda.linearcollider.org/event/9272/>
- August 18, LCFIPlus: <https://agenda.linearcollider.org/event/9318/>
- October 13, SGV fast simulation: <https://agenda.linearcollider.org/event/9394/>
- **Planning *the next one for PFA***

ILD Physics WG Activities

***- Joint Effort with Software WG
and IDT WG3 -***

Today (January 19)

- ***Update on the $H \rightarrow ss$ Analysis by Matthew***
- ***Time reconstruction at calorimeter cluster by Yuzhi***

Proposed S&A meeting schedule

Jan. 19: KF
Feb. 2: Filip
Feb. 16: Daniel
Mar. 2: Frank?

S&A meeting usually every two weeks on Wednesday at 14:00 CERN time

Schedule also on

<https://confluence.desy.de/display/ILD/ILD+Physics+Working+group>

Physics conveners' meeting every two weeks on Wednesday at 13:00 CERN time.

Conveners' ML:

ild-physics-conveners@desy.de

Use this mailing list to send your talk request.

Stay safe!