



# Report from Physics Coordinators

Keisuke Fujii  
on behalf of the Physics WG  
Nov 18, 2020

# **ILC Situation in Japan**

# Current Status

- *Because of COVID19, it is not an appropriate time to bring up a big scientific project like ILC.*
- *However, the political environment about ILC is now very good, thanks, in particular, to strong US support. New PM, Mr. Suga, very well-informed of ILC. MEXT minister, Mr. Hagiuda stays in his position. A new deputy-MEXT minister, Ms. Takahashi, responsible for S&T policy from Iwate. More discussion sessions since last time.*
  - *Remaining hurdle: how to secure financial resource outside the ordinary S&T budget.*
- *The climate change: The first stage of the ILC is 250 GeV but, now studies on energy upgrade even above 1 TeV is encouraged.*
- *In spite of COVID19, KEK is operating in the new normal mode, and various ILC promotion activities are on-going. Various strategy discussions are on going in KEK and JAHEP. Note: Final version of KEK RM after international review, maybe in April. JAHEP ILC Steering Panel established just recently.*
- *The International Development Team took over LCC/LCB:*
  - *IDT Membership is open to public since Sep.11.*
  - *Preparation on-going for JFY2022 budget request next summer to establish Pre-Lab*
- *Tohoku upgraded its ILC promotion organization on Aug.6.*
  - *Now actively promoting ILC.*

***IDT Phys/Det WG***  
***(WG3)***

# ***A New Long Writeup for Snowmass***

## **Purposes:**

- 1. To assemble the full ILC story for the benefit of the Snowmass conveners and P5.**
- 2. To provide a vehicle for many members of the US community to sign and hopefully contribute.**

**Deadline: ~ June 2021**

**First remote meeting happened 15 hours ago.**

# ***ILD Physics WG Activities***

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

***Today (Nov. 18)***

- ***Jet error parametrization with neutral hadrons by Jasser***
- ***Update for MC analysis of  $ZH(ZZ^*)$  process by Evgeny***

# ***Draft LCWS 2019 Proceedings***

***"Study of WW → qq̄lv at ILC500 with ILD" by Justin***

***Send you feedbacks to Justin and PSB by November 20***

[https://agenda.linearcollider.org/event/8923/contributions/46793/attachments/36075/56096/WWproc\\_JustinAnguiano\\_Nov9-2020.pdf](https://agenda.linearcollider.org/event/8923/contributions/46793/attachments/36075/56096/WWproc_JustinAnguiano_Nov9-2020.pdf)

# *Proposed S&A meeting schedule*

*Nov. 18: Frank*

Dec. 2: Jenny

Dec. 16: KF

*Biweekly S&A meeting on Wednesday at 14:00 CERN time*

*→ We may need to readjust this for the US guest members*

*Physics conveners' meeting every two weeks on Wednesday at 14:00 CERN time interleaved with S&A meetings.*

**Conveners' ML:**

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

*Use this mailing list to send your talk request.*

***Stay healthy!***