



# Physics Coordination Report

K.Fujii & J. List,  
ILD Software & Analysis Meeting,  
Oct 9 2018

# ILC in Japan

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the Science Council of Japan met today -  
heard no news yet....

# ILD Matters

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- main focus: Benchmark Analyses
  - all 12 analyses have started
  - progress is mixed, but gaining speed in most cases
  - see detailed reports later
  - currently not obvious whether all benchmark analyses will reach the necessary level of maturity to be included in the IDR....
- only in a few cases we have a systematic comparison of full reco results with (partially) cheated ones, in order to quantify impact of detector performance
  - => hope to see more of this at latest at the Benchmarking Days!**



# Git repositories for analyses

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- we have been very bad in the past concerning the preservation of code as a prerequisite for reproducibility of results
- since July have a github project **ILDAnaSoft** - **meant for active usage during development of analysis**, no coding rules to be followed, no prettifying required, no review, .....
- **for IDR benchmarks, submission of code is mandatory**, other analyses are welcome to join!
- **current status:**
  - **6 analyses are using their repositories**
  - 2 submitted something at some point, no recent activity
  - **4 analyses did not commit anything so far :-)**



# ILD Notes on Benchmarks

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- full analyses cannot be described in IDR itself
- need ILD notes to cite for this!
- ILD reviewers have been assigned
- **a few reviewers are already in discussion with their analyzers - don't wait for too long....**
- **first drafts of analysis notes** should be available **by the Benchmarking Days**
- if your reviewers cannot be at the Benchmarking Days, make sure you collect their feed-back by other means!

# Next meetings

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- Oct 17 (chaired by Keisuke):
  - preparation for LCWS proper:  
any material which you'd like to show at LCWS and which has not yet been shown to ILD yet should be presented!  
(exception: benchmark analyses)
- and of course:
  - **ILD Benchmarking Days, October 19-21**
  - LCWS October 22-26
- after LCWS:
  - resume weekly schedule from November 7