



# Update from IDT-WG3 & ILD

**ILD Physics Coordinators Report**

Jenny List (DESY)

ILD General Meeting, Feb 9 2021





# IDT-WG3: Physics & Detectors

## what happened so far....

- Since summer 2020:
  - WG3 chaired by Hitoshi Murayama
  - a core WG3 was formed, to a large extent based on the former LCC Physics & Detector EB
  - ~monthly meetings for exchange on global ILC activities & politics
  - main goal of WG3 for the IDT period: (re-)build the ILC community!

**=> create a structure of active WGs, with open bottom-up participation, to discuss and work on physics, detectors, software etc**



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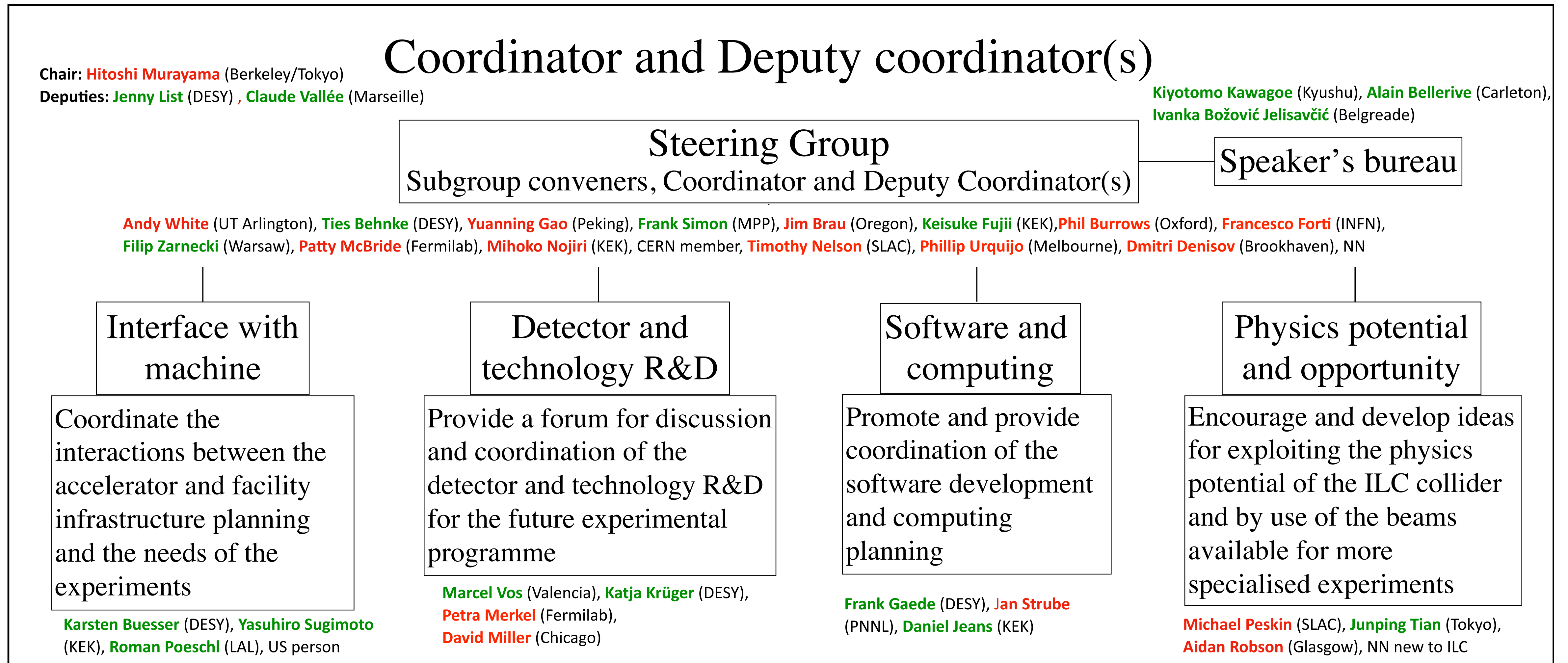
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## WG3 Organisation and mandates



# WG3 Structure

## additional considerations

- small number of conveners per WG, but charged to form
  - broad participation
  - subgroups / task forces as needed (in particular for “physics”)
- detailed WG charges / work plans are being developed with the conveners (Claude: Interfaces & Detector R&D, Jenny: Software & Physics)
- first discussion with the WG3 steering group and conveners tonight
- ILD (very) well represented, close collaboration ensured....

# ILD Physics Coordination

## life after the IDR and with the IDT

- ~6-9 months since the finalisation of IDR and creation of the IDT
- clear goal of the IDT period: enlarge the ILC community - what can ILD contribute?
- huge ILD contributions to Snowmass outreach effort: miniDSTs, tutorials, ILC Study Question, guest membership, ...
- ILD physics coordination team developed a list of interesting projects on
  - detector optimisation
  - high-level reconstruction
  - physics case
- <https://confluence.desy.de/display/ILD/ILD+Detector+Optimisation%2C+Reconstruction+and+Physics+Projects+for+the+IDT+Period>
- non-exclusive, but can provide some guidance to people who'd like to engage - from inside ILD, but also for new ILD (guest) members
- not cast in stone, but meant to be evolving document
- the new ILD management is expected to shape it in its own way!

# ILD Physics Coordination

## LCWS

- calls for abstracts are out / being send out
- **if you plan a talk based on ILD simulations**
  - please inform your physics working group convener(s) and the PSB
  - submit your abstract yourself (deadline Feb 21)
  - **don't forget to present your results to the ILD software/analysis meeting \*before\* LCWS**
- a special session for student contributions is planned, targeting master /bachelor / young PhD students whose studies are maybe not yet advanced enough for a “normal” LCWS talk
  - encourage your students to participate
  - submit abstracts via indico like for parallel session, indicate “student session” in the comments