

# Software - News and Announcements

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ILD Software and Analysis Meeting  
December 16, 2015

# ILD Software and Analysis Meetings

- ILD is currently organizing a new management structure, nominations and elections ongoing - some roles already settled, e.g.
- **Keisuke Fujii** as Physics Coordinator
- **FG** as Software Coordinator
- decided to **continue** for the time being with the **bi-weekly ILD Software and Analysis/Optimization Phone Meetings**
- **Jenny List, Akiya Miyamoto and Junping Tian** kindly agreed to continue as Software/Analysis convenors
- next meetings
- 13. Jan, 27. Jan, 10. Feb.
- 22-26 Feb: ILD Software and Optimization Workshop @ DESY, Hamburg

# ILD Software and Optimization Workshop

- 22-26 February at DESY in Hamburg
- web page soon to appear at <https://agenda.linearcollider.org/event/6954/overview>
- preliminary agenda:
  - Mon&Tue: hands on meeting on ILD software with focus on new software tools (DD4hep based Sim and Rec, HLR)
    - people working on ILD software should consider attending
    - friends from CLICdp and SiD are of course invited
  - Wed: start of ILD optimization part
    - morning: software status reports
    - afternoon: general overview talks
  - Thu/Fri: continue ILD optimization meeting

# ILD Software and Optimization Workshop

- Topics
  - new software: status and validation
    - new reconstruction tools (HLR)
  - optimization strategies
    - detector and physics benchmarks
    - simulation model(s) and technologies
  - treatment of systematic errors
  - highlights from recent sub detector optimizations
  - timeline and goals
  - ...
- Social events
  - Dinner ( probably Wednesday)
  - trying to organize visit of XFEL tunnel

# plans for iLCSoft

- new simulation and reconstruction tools are currently finalized to be ready for validation
- considerable progress on High Level Reconstruction tools e.g.
  - software compensation
  - beam cal reconstruction
  - particle ID
  - flavor tagging
  - ...
- aiming to have an iLCsoft release v01-18 very early next year
  - last release fully compatible with DBD simulation
  - will only allow patch releases for bug fixes
- will start soon developers series v01-19-xx
  - focus on new software tools
  - no backward compatibility guaranteed