

Benchmarking

Physics Benchmarking Study Group

Communications

- [SiD Hypernews Forums](#)
- [Physics Benchmarking Hypernews](#)

Activities

- Physics Studies
- Parametric Detector Studies
- Fast Monte Carlo Development
- [Monte Carlo Generator STDHEP Data Sets](#)
- [Snowmass 2005](#)

Software Links

- [SIMDET](#) - Parametric Fast Monte Carlo for the TESLA Detector Design
- [Subroutines to read LCIO ReconstructedParticle Objects into SIMDET Common Block](#)
- [LCIO](#) - Linear Collider Data Storage Framework
- [WHIZARD](#) - Monte Carlo Event Generator for N-Particle Final States
- [PYTHIA](#) - Monte Carlo Event Generator
- [QMUL](#) - Multi-Bunch LINAC-IP ILC Simulation Data Repository

Recent Talks

- "Benchmarking the SiD", Tim Barklow, LCWS05 http://www.slac.stanford.edu/~timb/lcws2005/benchmarking_the_sid_barklow_19mar2005.pdf
- "Benchmarking the ILC Detectors", Marco Battaglia, LCWS05
- "Impact of Tracker Design on Higgs/Slepton Property Measurement", Haijun Yang, LCWS05
- "SUSY Constraints on Forward Tracking", Bruce Schumm, LCWS05
- "Physics Impact of Detector Performance", Tim Barklow, LCWS05

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