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ILC Detector R&D

Friday 7 September 2007 09:00 (45 minutes)

Although the LHC will explore the energy frontier, and is destined to provide new insights in the fundamental understanding of matter and space-time, it has its intrinsic limitations. The proposed International Linear
Collider (ILC) will add significantly to the scientific program of the LHC. This, however, can only be realized if the experimental challenges of the ILC can be overcome. The detectors at the ILC are envisioned to be precision instruments and are a far extrapolation in performance and technology from the current generation experiments. This talk will discuss some of the critical detector R&D that is needed to bring about a successful ILC physics program.

Primary author: DEMARTEAU, Marcel

Presenter: DEMARTEAU, Marcel (Fermi National Accelerator Laboratory (FNAL))

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