

The next energy-frontier accelerator – a linear e+e- collider?

Friday 17 July 2009 14:30 (40 minutes)

Two options for a linear e+e- collider are presently under development, the ILC and CLIC. The energy reach of the two machines is different, which leads to two different technological choices. ILC is based on superconducting acceleration technology, the CLIC design uses a two-beam acceleration system with normal conducting copper cavities. Nevertheless considerable synergy between the two design groups has been developed. The talk will highlight the major differences as well as the status and the plans of both machines.

Primary author: Dr GESCHONKE, Günther (CERN)

Presenter: Dr GESCHONKE, Günther (CERN)

Session Classification: IV. Detectors (LHC and R&D) and Accelerators

Track Classification: Detectors (LHC and R&D) and Accelerators