



Contribution ID: 13

Type: oral presentation

CALICE: status of a data acquisition system for the ILC calorimeters

Friday, May 30, 2008 10:00 AM (20 minutes)

Summary

The CALICE Collaboration

A data acquisition system is described which will be used for the next generation of prototype calorimeters for the International Linear Collider and could also be the basis for the final system. The design is sufficiently generic such that it should have applications elsewhere, be they either ILC detectors or within high energy physics in general. The data acquisition system will be implemented using FPGAs and built using off-the-shelf components and networking hardware. The EUDET ECAL technical prototype will be used to demonstrate the feasibility of this approach. The design philosophy, the current status of the project and its aims are presented giving an overview of the effort.

Primary author: Prof. WARD, David (University of Cambridge)

Presenter: Dr BARTSCH, Valeria (University College London)

Session Classification: Calorimetric Techniques

Track Classification: Calorimetric Techniques