

Calorimeters

Friday, 19 February 2010 09:00 (50 minutes)

Calorimeters are one of the most versatile components of a modern detector. From energy measurement to particle identification, from time resolution to “tracking”, to fast trigger capability, they offer excellent performance on a large variety of applications.

In this talk I will overview the calorimeters of the major modern high energy physics experiments, and I will touch briefly on calorimeters for astroparticle and neutrino physics.

The state of the art technologies, the novelties in material, and electronics for calorimeters will be presented. I will discuss innovative analysis techniques and the currently best results obtained with modern calorimeters.

Primary author: Dr GARUTTI, Erika (DESY)

Presenter: Dr GARUTTI, Erika (DESY)

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