



Contribution ID: 2

Type: **not specified**

Read-Out Electronics: where data come from

Tuesday, 25 February 2014 10:00 (1 hour)

This lecture gives a general overview on the evolution of detectors used in HEP and on the necessity of electronics in modern set-ups.

The second part of the lecture is focused on the Read-Out Electronics

(ROE) as a transmission line: information are transported from the detector to the Data Storage; at high frequency it is important to take into account particular characteristics (such as signal propagation and integrity, interaction between signals and electromagnetic interferences) of the signal even if it is a digital one.

Presenter: MESSI, Francesco