



Contribution ID: 4

Type: **not specified**

## Electronics and Signal Processing: Front-End Electronics

*Friday, 23 October 2015 09:00 (2 hours)*

The course will describe detector signal amplification and processing in particle physics detectors. Characteristics and performance of charge sensitive preamplifiers, speed and noise performance and pulse shaping for charge measurement. High speed and current sensitive architectures, discrimination and timing accuracy for time measurement.

**Primary author:** Dr DE LA TAILLE, Christophe (OMEGA CNRS/IN2P3 Ecole Polytechnique)

**Presenter:** Dr DE LA TAILLE, Christophe (OMEGA CNRS/IN2P3 Ecole Polytechnique)