

## **Session Program**

**4-6 Feb 2025**

# **20th Anniversary "Trento" Workshop on Advanced Silicon Radiation Detectors**

## ***LGAD 2***

FBK, Trento, Sala Stringa  
Via Sommarive 18 38123 Povo di Trento ITALY

## Wednesday 5 February

14:00

### LGAD 2

**Session** | **Location:** FBK, Trento, Sala Stringa, Via Sommarive 18 38123 Povo di Trento ITALY | **Convener:** Nicolo Cartiglia

14:00–14:30

#### Overview of the Timing Detectors at ATLAS and CMS for the HL-LHC

**Speaker**

Sebastian Grinstein

14:30–14:50

#### Characterization of the FBK-LGAD devices manufactured at an external foundry for large-volume productions

**Speaker**

Leonardo Lanteri

14:50–15:10

#### Timing resolution of thin LGAD sensors for high radiation environments

**Speaker**

Marco Ferrero

15:10–15:30

#### AC-LGAD based ToF & out tracker detector for CEPC

**Speaker**

Yunyun Fan

15:30–15:45

#### Study of deep carbonated LGAD at IHEP

**Speaker**

Yuan Feng

15:45–16:00

#### Development and Wafer-level Characterization of the First Production of DC-RSD Sensors at FBK

**Speaker**

Matteo Centis Vignali

16:00