

Session Program

20-22 Nov 2017

31st RD50 Workshop (CERN)

Precision Timing Detectors

CERN, 6/2-024 - BE Auditorium Meyrin
6-2-024

Tuesday 21 November

09:40

Precision Timing Detectors

Session | **Location:** CERN, 6/2-024 - BE Auditorium Meyrin, 6-2-024 | **Convener:** Giulio Pellegrini

09:40-10:00 **Characterization of Irradiated APDs for Timing Applications**

Speaker

Matteo Centis Vignali

10:00-10:20 **Characterisation of Neutron-Irradiated Deep Diffused APDs**

Speaker

Sofia Otero Ugobono

10:20-10:40 **Measurement of properties of Ultra-fast silicon detectors**

Speaker

Hartmut Sadrozinski

10:40-11:10 **Coffee break**

11:10-11:30

Challenges in the design and construction of the silicon sensors for the CMS and ATLAS timing layer

Speaker

Nicolo Cartiglia

11:30-11:50 **New developments in Ultra Fast Silicon Detectors at FBK**

Speaker

Giovanni Paternoster

11:50-12:10 **Progress on AC-LGAD**

Speaker

Hartmut Sadrozinski

12:10-12:30 **Inverse-LGAD: Solving the LGAD fill factor problem**

Speaker

Jordi Duarte Campderros

12:30-13:00 **Discussion**

Speakers

Dr Giulio Pellegrini, Salvador Hidalgo Villena

13:00