

Session Program

28 September 2026 to 2 October 2026



TWEPP26 Topical Workshop on Electronics for Particle Physics

Timing & Trigger

Castelldefels, Barcelona, Spain
Hotel Rey Don Jaime

Monday 28 September

16:30

Timing & Trigger

Session | **Location:** Castelldefels, Barcelona, Spain, Hotel Rey Don Jaime

16:30–16:46

Central Trigger and Timing System Architecture for ALICE3 Continuous Readout in Run 5

Speaker

Filip Pazdic

16:50–17:06

Development of New Methodology for the Clock phase adjustment and Precise Fiber Length Measurements for the HL-LHC ATLAS TGC front-end electronics

Speaker

Kazuma Maki

17:10–17:26

A novel TDC based on the IpGBT electrical receivers

Speaker

Raghunandan Shukla

17:26

Tuesday 29 September

09:00

Timing & Trigger

Session | **Location:** Castelldefels, Barcelona, Spain, Hotel Rey Don Jaime

09:00–09:16

Design and Experimental Results for the PSLink Mezzanine - an FPGA-Agnostic System for Achieving Picosecond-Level Phase Stability in Timing Distribution Links for HEP Experiments

Speaker

Edoardo Orzes

09:20–09:36

FPGA-based advanced muon trigger algorithms for long-lived particle detection at the High-Luminosity LHC

Speaker

Daniel Estrada

09:40–09:56

The CMS Level-1 Track Finder for the HL-LHC: Real-Time 40 MHz Track Reconstruction

Speaker

Mei-Li Holmberg

09:56