Session Program

6–11 Jul 2025

EPS-HEP 2025

T12

PALAIS DU PHARO, Marseille, France

Monday 7 July

14:00

T12

Session | **Location:** PALAIS DU PHARO, Marseille, France

14:00–14:20 **The upgraded LHCb trigger system**

Speaker
Dorothea vom Bruch

14:20–14:40 **Trigger Algorithms for Alignment and Calibration at CMS during LHC Run 3**

Speaker
Philipp Nattland

14:40–15:00 **The new ALICE asynchronous software trigger processing**

15:00–15:20 **Fast Online Trigger System for COMET Phase-I**

Speaker
Chihiro Yamada

15:20–15:40 **The ATLAS Trigger System**

15:40–16:00
Enhancing the ATLAS Level-1 endcap muon trigger with New Small Wheel integration in Run 3

Speaker
Tomoyuki Saito

16:00

Tuesday 8 July

16:30

T12

Session | **Location:** PALAIS DU PHARO, Marseille, France

16:30–16:50

Performance of the real-time alignment and calibration of the LHCb detector in Run 3 of the Large Hadron Collider.

Speaker
Miguel Ruiz Diaz

16:50–17:10 **Tracking and PID performance with the upgraded LHCb detector**

Speaker
Giovanni Cavallero

17:10–17:30

The upgrade of the ATLAS Trigger and Data Acquisition system for the High Luminosity LHC

17:30–17:50 **The phase-1 upgrade of the ATLAS level-1 calorimeter trigger**

Speaker
Ralf Gugel

17:50–18:10

Status and testing of the MDT Trigger Processor for the ATLAS Level-0 Muon Trigger at HL-LHC

Speaker
Iacopo Longarini

18:30

Thursday 10 July

08:30

T12

Session | **Location:** PALAIS DU PHARO, Marseille, France

08:30–08:50 **The evolution of the CMS Computing model towards the HL-LHC**

Speaker
Antonio Perez-Calero Yzquierdo

08:50–09:10 **Raw Data Reduction in the CMS Experiment for Run-3 and Phase-2**

Speaker
CMS Collaboration

09:10–09:30 **Run Dependent Monte Carlo at Belle II**

Speaker
Giovanni Gaudino

09:30–09:50 **The CMS W Mass Analysis as a Blueprint for Efficient HL-LHC Data Handling**

Speaker
CMS Collaboration

09:50–10:10 **Advancing KM3NeT Data Management: Harnessing Snakemake and Grid Computing**

Speaker
Anna Sinopoulou

10:10–10:30 **Data Preservation in High Energy Physics: a collaborative perspective**

Speaker
Cristinel Diaconu

10:30