

Session Program

6-11 Jul 2025



EPS-HEP 2025

***Joint T12+T16 (Data Handling and Computing + AI for HEP
(special topic 2025))***

PALAIS DU PHARO, Marseille, France

Wednesday 9 July

08:30

Joint T12+T16 (Data Handling and Computing + AI for HEP (special topic 2025))

Session | Location: Palais du Pharo, Salle Estaque

08:30–08:50 **CMS FlashSim: how ML powers end-to-end simulation for HEP**

Speaker

Francesco Vaselli

08:50–09:10 **Low-latency Jet Tagging for HL-LHC Using Transformer Architectures**

Speaker

Lauri Laatu

09:10–09:30

Machine Learning for Real-Time Processing of ATLAS Liquid Argon Calorimeter Signals with FPGAs

Speaker

Raphael BERTRAND

09:30–09:50

Faster, more efficient, more robust: the impact of machine learning and AI on LHCb's real-time processing

Speaker

Anton Poluektov

09:50–10:10

Muon identification with Deep Neural Network in the Belle II K-Long and Muon detector

Speaker

Zihan Wang

10:10–10:30

Inclusive flavour tagging at LHCb

Speaker

John Wendel

10:30