

Session Program

10-13 Oct 2023



Connecting The Dots 2023

YSF Plenary

Toulouse

Le Village - Espaces Événementiels, 31 allée Jules Guesde, 31000 Toulouse, France

Wednesday 11 October

11:00

YSF Plenary

Session | **Location:** Le Village, Auditorium | **Convener:** Giuseppe Cerati

11:00–11:15 **On-the-fly measurement calibration with ACTS**

Speaker

Louis-Guillaume Gagnon

11:20–11:35 **Reconstruction performance with ACTS and the Open Data Detector**

Speaker

Andreas Stefl

11:40–11:55 **A Generalist Model for Particle Tracking**

Speaker

Xiangyang Ju

12:00–12:15

Developing Novel Track Reconstruction Algorithms for the Mu2e Experiment

Speaker

Matthew Stortini

12:20

Thursday 12 October

11:00

YSF Plenary

Session | **Location:** Le Village, Auditorium | **Convener:** David Rousseau

11:00-11:15

Combined track finding with GNN & CKF

Speaker

Benjamin Huth

11:20-11:35

Evaluation of Graph Sampling and Partitioning for Edge Classification and Tracking

Speakers

Alina Lazar, Alina Lazar

11:40-11:55

GNN Track Reconstruction of Non-helical BSM Signatures

Speaker

Qiyu Sha

12:00

14:00

YSF Plenary

Session | **Location:** Le Village, Auditorium | **Convener:** Alexis Vallier

14:00-14:15

Kalman filter for muon reconstruction in the CMS Phase-2 endcap calorimeter

Speaker

Mark Nicholas Matthewman

14:20-14:35

Studying a new Primary Vertex (PV) identification algorithm within ACTS framework

Speaker

Ms Layan AlSarayra

14:40