

## Session Program

10-13 Oct 2023



## Connecting The Dots 2023

### *Poster*

Toulouse

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

# Tuesday 10 October

19:00

## Poster: Poster Session & Welcome Cocktail

Poster Session | Location: Le Village, Place du village

### The Layer-1 Barrel Muon Filter for the Level-1 muon trigger upgrade of the CMS experiment at the HL-LHC

**Speaker**

Javier Prado Pico

### Flexible Hough Transform FPGA Implementation for the ATLAS Event Filter

**Speaker**

Fabrizio Alfonsi

### Obtaining requirements for the future ATLAS Event Filter Tracking system

**Speakers**

Gregory Penn, Gregory Penn

### Real-time long-lived particle reconstruction in LHCb's HLT2

**Speaker**

Izaak Sanderswood

### Seeding with Machine Learning in ACTS

**Speaker**

Jeremy Couthures

### Improvement of event-building for data-driven hybrid pixel detector data

**Speaker**

Tomas Celko

### Graph Neural Network-based Tracking as a Service

**Speaker**

Xiangyang Ju

### Heterogeneity in Graph Neural Networks for Track Reconstruction in the ATLAS Upgrade ITk Detector

**Speaker**

Mr Minh-Tuan Pham

### Clustering and tracking in dense environments with the ITk

**Speaker**

Nicola De Biase

21:00