

## **Session Program**

**26-30 Sept 2022**

# **ACTS Developers Workshop**

## ***R&D Lines***

CERN, 31/3-004 - IT Amphitheatre

## Tuesday 27 September

13:30

### R&D Lines: Machine Learning

**Session** | **Location:** CERN, 31/3-004 - IT Amphitheatre | **Conveners:** Rocky Bala Garg, Corentin Allaire

13:30-13:50

#### Auto-tuning in acts for seeding and vertexing

##### Speaker

Rocky Bala Garg

13:55-14:15

#### Auto-tuning of the Acts material mapping with Orion

##### Speaker

Corentin Allaire

14:20-14:40

#### Tracking with Hashing in ACTS

##### Speaker

Jeremy Couthures

14:45-14:55

#### Exatrkx-ACTS integration & GNN applications

##### Speaker

Xiangyang Ju

15:00

15:30

### R&D Lines: Parallelisation

**Session** | **Location:** CERN, 31/3-004 - IT Amphitheatre | **Conveners:** Dr Charles Leggett, Attila Krasznahorkay

15:30-15:50

#### Status & Plans: algebra-plugins, detray

##### Speakers

Beomki Yeo, Joana Niermann

15:55-16:05

#### Status & Plans: covfie

##### Speaker

Mr Stephen Nicholas Swatman

16:20-16:40

#### Status & Plans: traccc

##### Speaker

Guilherme Metelo Rita De Almeida

16:50-17:10

#### Discussion: (Event) Data Model

17:20-17:40

#### Discussion: traccc -> Acts(Core)

17:45