

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: tracc**

Speaker

Guilherme Metelo Rita De Almeida

16:50-17:10 **Discussion: (Event) Data Model**

17:20-17:40 **Discussion: tracc -> Acts(Core)**

17:45