

## **Session Program**

**12-15 Mar 2024**



## **IMCC and MuCol Annual Meeting 2024**

### ***Physics & Detector: New Ideas and just started activities***

CERN, 500/1-001 - Main Auditorium

## Wednesday 13 March

13:30

### Physics & Detector: New Ideas and just started activities

**Session** | **Location:** CERN, 6/2-024 - BE Auditorium Meyrin

13:30–13:45

#### Survey of AC-LGAD strip and pixel sensors using a 120 GeV proton beam

**Speaker**

Irene Dutta

13:45–14:00

#### ASIC R&D for trackers

**Speaker**

Anthony Badea

14:00–14:30

#### A Space-Time tracking algorithm for high occupancy events at future colliders

**Speaker**

Luciano Frances Ristori

14:30–14:45

#### Precision timing characterization in dual readout homogenous crystal electromagnetic calorimeters

**Speaker**

Grace Cummings

14:45–15:00

#### Evaluation of electromagnetic calorimeter performance using CRILIN technology for a 10 TeV Muon Collider

**Speaker**

Carlo Giralдин

15:00

15:30

### Physics & Detector: New Ideas and just started activities

**Session** | **Location:** CERN, 6/2-024 - BE Auditorium Meyrin

15:30–15:45

#### Hadronic calorimeter based on resistive MPGD: design, simulation and performance

**Speaker**

Antonello Pellecchia

15:45–16:00

#### Calorimeter digitization studies for BIB mitigation

**Speaker**

Shivani Lomte

16:00–16:15

#### Uses of the Tungsten cones

**Speaker**

John Hauptman

16:15–16:30

#### New developments in Whizard

17:00

**Speaker**

Mr Krzysztof Mekala

16:30–16:45

**Z' searches at the Muon Collider**

**Speaker**

Mr Krzysztof Mekala

16:45–17:00

**Tau lepton identification and Higgs boson properties**

**Speaker**

Lorenzo Valla