

## **Session Program**

**26 August 2024 to 4 September 2024**



XIII International Conference  
on New Frontiers in Physics  
26 Aug - 4 Sep 2024, OAC, Kolymbari, Crete, Greece

# **XIII International Conference on New Frontiers in Physics 2024**

## ***Workshop on Instruments and Methods***

Orthodox Academy of Crete, Kolymbari, Crete, Greece

## Tuesday 27 August

11:00

### Workshop on Instruments and Methods

Session | Location: Room 3 | Convener: Alessandra Betti

11:00-11:20 **Upgrade of the LAr ATLAS calorimeters - an overview**

**Speaker**  
Antonio Carbone

11:20-11:40 **An overview of the CMS High Granularity Calorimeter**

**Speaker**  
Bora Akgun

11:40-12:00

**Precision Timing with the CMS MIP Timing Detector for High-Luminosity LHC**

**Speaker**  
Soham Bhattacharya

12:00-12:20

**Technical challenges and performance of the new ATLAS LAr Calorimeter Trigger**

**Speaker**  
Marcos Vinicius Silva Oliveira

12:20-12:40

**The High-Granularity Timing Detector for ATLAS at HL-LHC**

**Speaker**  
Joaquim Pinol Bel

12:40-13:00

**Testbeam performance of ALTIROC3 hybrid assemblies with LGAD sensors for the ATLAS HGTD Upgrade**

**Speaker**  
Salah El Dine Hammoud

13:00

16:00

### Workshop on Instruments and Methods

Session | Location: Room 3 | Convener: Alessandra Betti

16:00-16:20 **The Next Upgrade of the ALICE Inner Tracking System: ITS3**

**Speaker**  
Francesco Barile

16:20-16:40 **The ATLAS ITk Strip Detector System for the Phase-II LHC Upgrade**

**Speaker**  
Emily Rose Duden

16:40-17:00

**Micromegas: a versatile device for radiation detection and imaging applications**

**Speaker**  
Christos Lampoudis

17:00

## Wednesday 28 August

16:00

### Workshop on Instruments and Methods

Session | Location: Room 1 | Convener: Dr Pietro Vischia

16:00-16:25 **ATLAS New Small Wheel Performance Studies with LHC Run-3 data**

**Speaker**

Alessandra Betti

16:25-16:50 **Muon Detector (CMS)**

**Speaker**

Gabriella Pugliese

16:50-17:10

**Long-term ageing studies on Eco-Friendly Resistive Plate Chamber detectors**

**Speakers**

Liliana Congedo, Liliana Congedo

17:10

## Thursday 29 August

12:00

### Workshop on Instruments and Methods

Session | Location: Room 3 | Convener: Lais Soares Lavra

12:20

12:00-12:20

#### Coaching station for FIT on-call shifters

**Speaker**

Mr Krystian Roslon

## Tuesday 3 September

11:00

### Workshop on Instruments and Methods

Session | Location: Room 3 | Convener: Anke Lei

11:20-11:40 **The ATLAS ITk Pixel Detector: status and road map**

**Speaker**

Martina Ressegotti

11:40-12:00 **Performance and calibration of the ATLAS Tile Calorimeter**

**Speaker**

Tadeas Petru

12:00-12:20 **LVK detectors status and future plans**

**Speaker**

Fiodor Sorrentino

12:20