

**Session Program**

**16-19 Jun 2025**

**HEP 2021 - 38th Conference on Recent  
Developments in High Energy Physics and  
Cosmology, Thessaloniki, Greece**

***Experiment III***

## Wednesday 18 June

17:55

### Experiment III

**Session** | **Conveners:** Anthony Leisos, Ioannis Manthos

17:55–18:15

#### **Construction and operation of large scale Micromegas detectors for the ATLAS Muon upgrade**

**Speaker**

Ioannis Michail Maniatis

18:15–18:35

#### **Performance of the final New Small Wheel Micromegas sectors for the ATLAS Muon Upgrade**

**Speaker**

Maria Perganti

18:35–18:55

#### **ATLAS NSW Upgrade - sTGC Trigger and Commissioning**

**Speaker**

Olga Zormpa

18:55–19:15

#### **A program to drive the ATLAS Local Trigger Interface (ALTI) at the ATLAS experiment**

**Speaker**

Foteini Trantou

19:15–19:35

#### **The Detector Control System of the New Small Wheel for the ATLAS experiment**

**Speaker**

Polyneikis Tzanis

19:35–19:55

#### **The Detector Control System for the magnetic field sensors of the sTGC detector in New Small Wheel Phase I upgrade of ATLAS detector**

**Speaker**

Stamatios Tzanos

19:55–20:15

#### **Implementation of the DCS System for the validation of MM HV Boards and the DCS System of the new BIS78 Chambers for the upgrade of muon system of the ATLAS Experiment**

**Speaker**

Ioannis Drivas-Koulouris

20:15–20:35

#### **Hardware Tracking for the ATLAS Trigger and the Associative Memory ASIC**

**Speaker**

Andreas Vgenopoulos

20:35-20:55

**The Fake Sector Logic for the ATLAS Muon Trigger system****Speaker**

Maria Myrto Prapa

20:55-21:15

**Fake Background estimation in WZ diboson production****Speaker**

Ioannis Karkanias

21:15-21:35

**Preliminary investigations towards the constraint of the Higgs boson self-coupling with  $hh \rightarrow b\bar{b}\tau\tau$** **Speaker**

Christos Paraskevopoulos

21:35-21:55

**An MC study of Dimension-6 effective field theory operators for the WZ inclusive production in ATLAS****Speaker**

Christos Leonidis-Giannoulas

22:30