

Session Program

16-19 Jun 2025

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

Parallel

Tuesday 17 June

17:55

Parallel: Experiment II

Session | **Conveners:** Ioannis Katsioulas, Christos Lampoudis

17:55–18:15

Feasibility study of Muon Tomography application in a non-invasive representation of tumulus

Speaker

Ilia Kalaitzidou

18:15–18:35

Observation of ZZ production via Vector Boson Scattering in ATLAS

Speaker

Ioannis Maznas

18:35–18:55

Studies on dim-8 EFT limit setting in p-p collisions at centre-of-mass energy of 13 TeV for the EWK production of ZZjj in the four-lepton channel

Speaker

Alexandros Marantis

18:55–19:15

Recent results in the search for resonant $W^\pm Z \rightarrow l\nu l l$ production in Run-2 with the ATLAS detector

Speaker

Maria-Evanthia Tsopoulou

19:15–19:35

Extensive Air Shower Reconstruction using the timing information from the RF-system of the Astroneu array.

Speaker

Stavros Nonis

19:35–19:55

The microNet (μ Net) project: An extended network of educational cosmic ray telescopes.

Speaker

Michael Petropoulos

19:55–20:15

Search for exclusive hadronic W boson decays with the ATLAS experiment

Speaker

Julia Manuela Cardoso Silva

20:15–20:35

DarkSPHERE: Reaching the neutrino floor with a Spherical Proportional Counter

Speaker

Jack Matthews

20:35-20:55

Searches for Rare and Forbidden Exclusive Decays of the Higgs and Z Bosons to a Meson and a Photon with the ATLAS Experiment

Speaker

Robert James Ward

22:10