

Session Program

8-11 Jul 2026



HEP2026: 42nd Conference on Recent Developments in High Energy Physics and Cosmology [NTUA] Jul 8 - 11, 2026

Experiments

National Technical University of Athens, Main Hall (Level 1)

Thursday 9 July

11:30

Experiments

Session | **Location:** National Technical University of Athens, Main Hall (Level 1) | **Convener:** Konstantinos Vellidis

11:30-11:50

Search for heavy charged long-lived particles with the ATLAS detector using the full Run 2 dataset

Speaker

Leonidas Fountas

11:50-12:10

Study of $VH(\rightarrow b\bar{b}/c\bar{c})$ production in the ATLAS experiment

Speaker

Eleni Papadimitriou

12:10-12:30

Evidence of Higgs boson inclusive production at high transverse momentum decaying to a pair of b -quarks with the ATLAS detector

Speaker

Evrpidis Koutsoumpas

12:30-12:50

Study of $pp \rightarrow HH \rightarrow b\bar{b}\gamma\gamma$ production at $\sqrt{s}=13\text{TeV}$ and $\sqrt{s}=13.6\text{TeV}$ using ATLAS simulations

Speaker

Eliana Kapsali

12:50-13:10

From Design File to SCADA: Automating OPC UA Server Integration in the ATLAS DCS with quasar and Cacophony

Speaker

Nikolaos Kanellos

13:10-13:30

Probing dark matter with novel signatures at the LHC

Speaker

Ms Sofia Zioga

13:30