

Session Program

8-11 Jul 2026



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

Astroparticle and rare event searches

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

Thursday 9 July

15:00

Astroparticle and rare event searches

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

15:00–15:20

Latest results on the search for a diffuse astrophysical neutrino flux with KM3NeT/ARCA

Speaker

Chrysovalantis Karagiannis

15:20–15:40

Machine Learning applications for the design of LEMMOND, a water Cherenkov Detector to measure low energy neutrino interaction cross sections

Speaker

Ioannis Karakoulas

15:40–16:00

New Physics in the Neutrino Fog Era of Dark Matter Direct Detection

Speaker

Dr Dimitrios Papoulias

16:00–16:20

Sterile neutrino phenomenology

Speaker

Prof. CHRISTOS KOKORELIS

16:30