

Session Program

22-26 Apr 2024



**30th Young Scientists' Conference on
Astronomy and Space Physics**

Cosmology

Friday 26 April

09:00

Cosmology

Session | Location: | Convener: Olena Torbaniuk

09:00–09:15

Insights on Granda - Oliveros Holographic Dark Energy: Evidence of negative dark energy at $z \geq 2$

Speaker

Manosh T. Manoharan

09:15–09:30

Cosmological Mass Varying Neutrino Model

Speaker

Olga Avsajanishvili

09:30–09:45

Spectral energy distribution of radiation from star-like sources in the expanding Universe

Speaker

Anguohao Yang

09:45–10:00

Non constancy of a_0 in MOND

Speaker

Antonino Del Popolo

10:00–10:25

Topological data analysis of large scale structure of the Universe

Speaker

Maksym Tsizh

10:25–10:40

Dark matter subhalo properties in the cosmic web

Speaker

Feven Markos Hunde

10:40–10:55

Measuring the dark matter halo mass distribution with weak lensing

Speaker

Roman Akhmetshyn

10:55