

Session Program

Apr 24 - 28, 2023

**29th Young Scientists' Conference on
Astronomy and Space Physics**

Extragalactic astrophysics and cosmology

Zoom

Thu, April 27

12:10 PM

Extragalactic astrophysics and cosmology

Session | Location: Zoom | Convener: Dr Olena Torbaniuk

12:10 - 12:25 PM Tests of Hierarchical Accretion in the Virgo Cluster

Speaker

Ms Aikaterini Niovi Triantafyllaki

12:25 - 12:40 PM Covering Factor in AGNs: Evolution or Selection?

Speaker

Mr Mateusz Rałowski

12:40 - 12:55 PM Cosmological scalar field ϕ CDM models

Speaker

Dr Olga Avsajanishvili

12:55 - 1:10 PM Spectral energy distribution modeling of infrared bright galaxies

Speaker

Ms Subhrata Dey

1:10 - 1:25 PM MeerKAT follow-up of enigmatic radio sources in the G4Jy Sample

Speaker

Ms Precious Sejake

1:25 - 1:40 PM Coffee-break

1:40 - 1:55 PM Multifrequency analysis of an X-shaped radio galaxy

Speaker

Ms Arpita Misra

1:55 - 2:10 PM Mining Mini-Halos with MeerKAT I. Calibration and Imaging

Speaker

Mr Keegan Trehaeven

2:10 - 2:25 PM

Relaxation of self-gravitating systems on a long time scale according to the results of direct numerical simulation

Speaker

Mr Mykola Hradov

2:25 - 2:40 PM

Merger identification through photometric bands, colours, and their errors

Speaker

Mr Luis Suelves

2:40 - 2:55 PM Accelerating reionization simulations using machine learning

Speaker

Ms Mosima Portia Masipa

2:55 - 3:10 PM

Application of machine learning methods to multiwavelength photometric catalogs

Speaker

Dr Artem Poliszczuk

4:10 PM