

Session Program

Apr 24 - 28, 2023

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

Data collection and analysis

Zoom

Fri, April 28

12:10 PM

Data collection and analysis

Session | Location: Zoom | Convener: Roman Akhmetshyn

12:10 - 12:55 PM **Astroinformatics: Periodogram Analysis of Astronomical Signals**

Speaker

Prof. Ivan L. Andronov

12:55 - 1:10 PM

Astroinformatics: program for scale-adaptive running sine approximation with trend. Application to S Ori

Speaker

Ms Viktoriia Borshchenko

1:10 - 1:25 PM

Strong Lens Detection 2.0: Machine Learning and Transformer Models

Speaker

Mr Hareesh Thuruthipilly

1:25 - 1:40 PM **Coffee-break**

1:40 - 1:55 PM **A Solar Imaging Pipeline for MeerKAT**

Speaker

Ms Victória Samboco

1:55 - 2:10 PM **Information system for studying space weather parameters**

Speaker

Mr Danylo Ivantyshyn

2:10 - 2:25 PM

The future of Astronomy in Ukraine: EARG's and TESS space telescope

Speaker

Mr Dmytro Tvardovskyi

2:25 PM