Session Program

24–28 Apr 2023

29th Young Scientists' Conference on Astronomy and Space Physics

Data collection and analysis

Zoom

Friday 28 April

12:10

Data collection and analysis
Session | **Location:** Zoom | **Convener:** Roman Akhmetshyn

12:10–12:55 **Astroinformatics: Periodogram Analysis of Astronomical Signals**

Speaker
Prof. Ivan L. Andronov

12:55–13:10
Astroinformatics: program for scale-adaptive running sine approximation with trend. Application to S Ori

Speaker
Ms Viktoriia Borshchenko

13:10–13:25 **Strong Lens Detection 2.0: Machine Learning and Transformer Models**

Speaker
Mr Hareesh Thuruthipilly

13:25–13:40 **Coffee-break**

13:40–13:55 **A Solar Imaging Pipeline for MeerKAT**

Speaker
Ms Victória Samboco

13:55–14:10 **Information system for studying space weather parameters**

Speaker
Mr Danylo Ivantyshyn

14:10–14:25
The future of Astronomy in Ukraine: EARG's and TESS space telescope

Speaker
Mr Dmytro Tvardovskyi

14:25