

**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