

Session Program

Apr 24 - 28, 2023

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

Stellar astrophysics and interstellar medium

Zoom

Mon, April 24

3:30 PM

Stellar astrophysics and interstellar medium

Session | Location: Zoom | Convener: Mr Roman Akhmetshyn

3:30 – 4:15 PM

Be Stars as Binary Systems and Methods to Reveal the Secondary Components

Speaker

Prof. Anatoly Miroshnichenko

4:15 – 4:30 PM

Origin of TIC 229741985 variability

Speaker

Ms Ema Šípková

4:30 – 4:45 PM

Periodogram analysis from the data of the AAVSO database and the TESS space telescope of the semiregular variable star RX Leporis

Speaker

Mr Andriy Dzygunenko

4:45 – 5:05 PM

Coffee-break

5:05 – 5:20 PM

GlobULeS-IV. UVIT/AstroSat detection of extremely low mass white dwarf companions to blue straggler stars in NGC 362

Speaker

Mr Arvind Dattatrey

5:20 – 5:35 PM

Variability of the Spin Period of the White Dwarf in the Intermediate Polar V405 Aur

Speaker

Dr Vitalii Breus

5:35 – 5:50 PM

The Great Dimming of Betelgeuse: the atmosphere revealed by envelope tomography during the past 14 years

Speaker

Mr Daniel Jadrlovský

5:50 – 6:05 PM

Spin-down of He-rich CP stars

Speaker

Mr Xia Zefo

6:05 – 6:20 PM

The chemical evolution of alpha-elements in the Milky Way

Speaker

Ms Blanka Világos

6:20 – 6:25 PM

Photometric and Spectroscopic Study of BD-02 873

Speaker

Mr Berhan Safa Azizoglu

6:25 - 6:30 PM

Orbital Solution of Spectroscopic Binary: HD 10259

Speaker

Mr Mehmet Alperen Kul

6:30 - 6:35 PM

Stellar Parameters of HD 60935

Speaker

Ms Didem Dilan Izci

6:35 - 6:40 PM

Multi-wavelength study of outbursting cataclysmic variable star CRTS J033349.8-282244 in the LADUMA field using MeerKAT and MeerLICHT

Speaker

Ms Sumari Barocci-Faul

6:40 PM