

Session Program

22-26 Apr 2024



**30th Young Scientists' Conference on
Astronomy and Space Physics**

Stellar astrophysics and interstellar medium

Wednesday 24 April

11:00

Stellar astrophysics and interstellar medium

Session | Location:

11:00-11:15 Multicolour photometric study of the new WZ Sge-type variable

Speaker

Mykyta Bilodid

11:15-11:30

Exploring Superhump Dynamics and Correlation of Physical Parameters in Cataclysmic Variables

Speaker

Andrii Dzygunenko

11:30-11:45

Variability of B supergiant star ρ Leo

Speaker

Vitalii Checha

11:45-12:30

New insight onto δ Scuti and CP stars thanks to TESS data

Speaker

Dr Viktor Khalack

12:30-12:45

Research of magnetic field in three delta Scuti stars using the LSD method

Speaker

Marharyta Sliusarenko

12:45-13:00

Revealing the Nature of the Emission Line Star HD 50138

Speaker

Holly Burroughs

13:00-13:30

Coffee-break

13:30-13:45

Variability of the White Dwarf Spin Periods in the Intermediate Polars

Speaker

Vitalii Breus

13:45-14:00

Photometric study of light curves of three selected dwarf novae

Speaker

Yurii Andriiv

14:00-14:15

Photo-ionization structures of PN IC2003 with WR central star

Speaker

Khushbu K.

14:15-14:30

Investigation of open cluster Trumpler 12 using Gaia DR3 Data

Speaker

Devendra Bisht

14:30-14:45

UOCS. XIII. Study of the FUV bright stars in the open cluster NGC 2420 using ASTROSAT**Speaker**

Arvind Dattatrey

14:45-15:00

Exploring Stellar Cluster and Feedback-driven Star Formation in the Galactic Mid-infrared Bubble [HKS2019] E70**Speaker**

Aayushi Verma

15:00-15:15

Multiwavelength investigation of the star formation activity towards the galactic cloud g13.89- 0.47**Speaker**

Sangeetha K K

15:15-15:20

The photometric observation of flares on AD Leo**Speaker**

Blanka Schmercz

15:20-15:25

Unveiling the Spectral Profile of the Chemically Peculiar Star V* AL Col**Speaker**

Nicolas Castro

15:25-15:30

Follow-up of selected CV candidates from Gaia Alerts**Speaker**

Kristina Kaziemova

15:30-15:35

SN2017hcc - a comparative study of type-IIn SNe at similar epochs**Speaker**

Sethulakshmi V

15:35-15:40

Deep-learning classification of eclipsing binaries**Speaker**

Yana Markus

15:40-15:45

A Multiwavelength Study of Be/X-ray Binary Stars**Speaker**

Thuto Praisegod Ndlovu

15:45-15:50

Gaia DR3 View on Gum 31**Speaker**

Renjithmon A A

15:50-15:55

Modeling Atomic Diffusion, Surface Pulsations and Binary Interactions in HgMn Stars

15:55

Speaker
Jay Allison