

Session Program

22-26 Apr 2024



30th Young Scientists' Conference on Astronomy and Space Physics

Solar physics and heliosphere

Thursday 25 April

10:30

Solar physics and heliosphere

Session | Location:

10:30–10:45

Solar X-class Flares Characteristics in the Presence and Absence of CMEs

Speaker

Junaid Haleem

10:45–11:00

An Analytical Modeling Approach to Understand the Thermodynamic Evolution of Coronal Mass Ejections

Speaker

Soumyaranjan Khuntia

11:00–11:15

Alfvén wave interaction with particles

Speaker

Bheem Singh Jatav

11:15–11:30

Global Coronal Magnetic field Estimation using Bayesian Inference

Speaker

Upasna Baweja

11:30–11:45

Ca K Polar Network as a Proxy for Estimating Polar Magnetic Fields of the Sun

Speaker

Dibya Kirti Mishra

11:45–12:00

Diagnostics of interplanetary electron beams produced in solar flares with X-ray and Radio data from Solar Orbiter

Speaker

David Paipa

12:00–12:15

Probing the Solar Corona with Pulsar Pulses: Calculating Electron Concentration Profile

Speaker

Anastasiis Skoryk

12:15–12:30

Double Periodic Variable V4142 Sgr: a key to approaching the stellar dynamo

Speaker

Jaime A. Rosales G.

12:30