

**31st Young Scientists'  
Conference on Astronomy and  
Space Physics**

**Report of Contributions**

Contribution ID: 9

Type: **not specified**

## **Picoflares observed in the EUV solar corona by the Solar Orbiter**

*Monday 7 April 2025 10:00 (45 minutes)*

**Presenter:** PODLADCHIKOVA, Olena

**Session Classification:** Solar physics and heliosphere

Contribution ID: 10

Type: **not specified**

## **How do eruptive events affect distant prominences? Insights from numerical simulations**

*Monday 7 April 2025 10:45 (15 minutes)*

**Presenter:** LIAKH, Valeriia

**Session Classification:** Solar physics and heliosphere

Contribution ID: 11

Type: **not specified**

## **Automatic detection of Ellerman bombs in the H $\alpha$ line**

*Monday 7 April 2025 11:00 (15 minutes)*

**Presenter:** FARYAD, Arooj

**Session Classification:** Solar physics and heliosphere

Contribution ID: 12

Type: **not specified**

## **Ensuring data consistency in Solar magnetism studies: a focus on SOHO/MDI and SDO/HMI sunspot data**

*Monday 7 April 2025 11:15 (15 minutes)*

**Presenter:** GÓRA, Barbara

**Session Classification:** Solar physics and heliosphere

Contribution ID: 13

Type: **not specified**

## **Clustering of wind data at 1 AU to contextualize magnetic reconnection within the solar wind**

*Monday 7 April 2025 11:30 (15 minutes)*

**Presenter:** CARELLA, Francesco

**Session Classification:** Solar physics and heliosphere

Contribution ID: 14

Type: **not specified**

## **Reconstruction of total solar irradiance variability for the Telescopic Era**

*Monday 7 April 2025 11:45 (15 minutes)*

**Presenter:** TEMAJ, Duresa

**Session Classification:** Solar physics and heliosphere

Contribution ID: 15

Type: **not specified**

## **Using modern data to understand historical solar observations**

*Monday 7 April 2025 12:00 (15 minutes)*

**Presenter:** KUMAR YADAV, Ajay

**Session Classification:** Solar physics and heliosphere



Contribution ID: 16

Type: **not specified**

**Peculiarities of the height and surface  
inhomogeneity of the magnetic field in the solar  
flare of November 5, 2004, observed in the H $\alpha$  and Fe  
I 6569Å lines**

*Monday 7 April 2025 12:15 (5 minutes)*

**Presenter:** PAVLICHENKO, Uliana

**Session Classification:** Solar physics and heliosphere

Contribution ID: 17

Type: **not specified**

## **Statistical analysis of aerosol outbreak events in Kyiv, Eastern Europe**

*Monday 7 April 2025 13:00 (15 minutes)*

**Presenter:** GAO, Xuhui

**Session Classification:** Atmospheric studies and space geophysics

Contribution ID: **18**

Type: **not specified**

## **Impacts of smoke aerosol on air quality in Northeast China by GEOS-Chem Modeling**

*Monday 7 April 2025 13:15 (15 minutes)*

**Presenter:** SHI, Yu

**Session Classification:** Atmospheric studies and space geophysics

Contribution ID: 19

Type: **not specified**

## **Dust storms impact on air quality in Jilin Province**

*Monday 7 April 2025 13:30 (15 minutes)*

**Presenter:** WEI, Xuanyi

**Session Classification:** Atmospheric studies and space geophysics

Contribution ID: 20

Type: **not specified**

## **Design of microwave radiometers for ozone and carbon monoxide study in the atmosphere**

*Monday 7 April 2025 13:45 (15 minutes)*

**Presenter:** SUN, Xiaopeng

**Session Classification:** Atmospheric studies and space geophysics

Contribution ID: 21

Type: **not specified**

## **Asymmetry of ozone behavior in Eastern and Western Hemispheres over Antarctica in response to sudden stratospheric warming**

*Monday 7 April 2025 14:00 (15 minutes)*

**Presenter:** YU, Ruixian

**Session Classification:** Atmospheric studies and space geophysics

Contribution ID: 22

Type: **not specified**

## **Ground-based microwave radiometer data processing software and application for stratospheric and mesospheric altitude profile and wind retrievals**

*Monday 7 April 2025 14:15 (15 minutes)*

**Presenter:** WANG, Lidong

**Session Classification:** Atmospheric studies and space geophysics

Contribution ID: 23

Type: **not specified**

## **Accelerating atmospheric modeling: neural network enhancements for faster NRLMSISE calculations**

*Monday 7 April 2025 14:30 (15 minutes)*

**Presenter:** KASHYN, Volodymyr

**Session Classification:** Atmospheric studies and space geophysics



Contribution ID: 24

Type: **not specified**

## **Magnetospheric studies: machine learning applications**

*Monday 7 April 2025 14:45 (15 minutes)*

**Presenter:** PETRENKO, Bohdan

**Session Classification:** Atmospheric studies and space geophysics

Contribution ID: 25

Type: **not specified**

## **Analysis of the impact of external factors on the Perseid meteor shower and forecast of its activity in the coming years**

**Presenter:** SHCHEKINA, Alisa

**Session Classification:** Atmospheric studies and space geophysics

Contribution ID: 26

Type: **not specified**

## **Development of software for studying the accuracy of TLE ephemerides through direct comparison of satellite positions based on optical observations**

**Presenter:** KHMELEVSKA, Yuliia

**Session Classification:** Atmospheric studies and space geophysics

Contribution ID: 27

Type: **not specified**

# Ultra-high-energy neutrinos and their potential origin

*Tuesday 8 April 2025 10:00 (45 minutes)*

**Presenter:** VAN VLIET, Arjen

**Session Classification:** High energy astrophysics & cosmology

Contribution ID: 28

Type: **not specified**

## **A dusty nova in the LMC: unraveling its evolution through light curve and spectra**

*Tuesday 8 April 2025 10:45 (15 minutes)*

**Presenter:** SINGH BISHT, Mohit

**Session Classification:** High energy astrophysics & cosmology

Contribution ID: 29

Type: **not specified**

## **Unveiling the origin of radio emission in TeV candidate sources with VLBI**

*Tuesday 8 April 2025 11:00 (15 minutes)*

**Presenter:** KÓMÍVES, Janka

**Session Classification:** High energy astrophysics & cosmology

Contribution ID: 30

Type: **not specified**

## **Radio observations of the magnetar XTE J1810-197 with 32-m Toruń radio telescope**

*Tuesday 8 April 2025 11:15 (15 minutes)*

**Presenter:** CHOLEWA, Marta

**Session Classification:** High energy astrophysics & cosmology

Contribution ID: 31

Type: **not specified**

**Search for cosmic ray PeVatrons: gamma-ray  
emission from the magnetar SGR1900+14, SNR  
G42.8+0.6, SFR W49A region**

*Tuesday 8 April 2025 11:30 (15 minutes)*

**Presenter:** SOKAREVA, Anastasiia

**Session Classification:** High energy astrophysics & cosmology



Contribution ID: 32

Type: **not specified**

## **Thermal properties and cosmic ray constraints for gamma-ray production in the Shapley Supercluster**

*Tuesday 8 April 2025 11:45 (15 minutes)*

**Presenter:** BABUR, Valentyna

**Session Classification:** High energy astrophysics & cosmology

Contribution ID: 33

Type: **not specified**

## **Implications of photon-axion oscillations on X-ray observations of the Coma cluster**

*Tuesday 8 April 2025 12:00 (15 minutes)*

**Presenter:** SAHAY, Yevhen

**Session Classification:** High energy astrophysics & cosmology

Contribution ID: 34

Type: **not specified**

## **Exploring blazar X-ray variability: NICER spectral insights and analysis**

*Tuesday 8 April 2025 12:15 (5 minutes)*

**Presenter:** KIZHAKKEKALAM, Sangeetha

**Session Classification:** High energy astrophysics & cosmology

Contribution ID: 35

Type: **not specified**

## **Accretion dynamics and emission variability in GRS 1915+105: a spectral perspective**

*Tuesday 8 April 2025 12:20 (5 minutes)*

**Presenter:** AKHTER, Shahzada

**Session Classification:** High energy astrophysics & cosmology

Contribution ID: 36

Type: **not specified**

## The skeleton of our Universe

*Tuesday 8 April 2025 12:55 (45 minutes)*

**Presenter:** UHLEMANN, Cora

**Session Classification:** High energy astrophysics & cosmology

Contribution ID: 37

Type: **not specified**

## **Gravitational force of a torus with an elliptical cross-section in outer region**

*Tuesday 8 April 2025 13:40 (15 minutes)*

**Presenter:** SKOLOTA, Serhii

**Session Classification:** High energy astrophysics & cosmology

Contribution ID: 38

Type: **not specified**

## **Bayesian constraints on the quasi-rip fate of the Universe: analyzing cosmic acceleration with observational data**

*Tuesday 8 April 2025 13:55 (15 minutes)*

**Presenter:** BORAH, Sonali

**Session Classification:** High energy astrophysics & cosmology

Contribution ID: 39

Type: **not specified**

## Modified theory of gravity: $f(R)$ theory

*Tuesday 8 April 2025 14:10 (15 minutes)*

**Presenter:** HOVORUKHA, Bohdan

**Session Classification:** High energy astrophysics & cosmology



Contribution ID: 41

Type: **not specified**

## **Universe Space Tech —astronomy and space tech for everyone**

*Wednesday 9 April 2025 11:00 (20 minutes)*

**Presenter:** BURLAKA, Oleksandr

**Session Classification:** Ukrainian astronomy-related projects

Contribution ID: 42

Type: **not specified**

## **How participation in a Hackathon can help you find an idea, make friends, or even start your own business**

*Wednesday 9 April 2025 11:20 (20 minutes)*

**Presenter:** MALKEVYCH, Roman

**Session Classification:** Ukrainian astronomy-related projects

Contribution ID: 43

Type: **not specified**

## **AstroSandbox. First open-access Ukrainian advanced astronomy educational project**

*Wednesday 9 April 2025 11:40 (20 minutes)*

**Presenter:** KARASOVA, Taisiia

**Session Classification:** Ukrainian astronomy-related projects

Contribution ID: 44

Type: **not specified**

## **Studying comets by means of the ground-based observations**

*Wednesday 9 April 2025 12:00 (45 minutes)*

**Presenter:** ZUBKO, Evgenij

**Session Classification:** Solar System and extrasolar planets

Contribution ID: 45

Type: **not specified**

# **Dynamics of the impact of small celestial bodies on Jupiter**

*Wednesday 9 April 2025 12:45 (15 minutes)*

**Presenter:** ASGAROVA, Banovsha

**Session Classification:** Solar System and extrasolar planets

Contribution ID: 46

Type: **not specified**

## **Space weathering: observational manifestations and their physical causes**

*Wednesday 9 April 2025 13:00 (15 minutes)*

**Presenter:** PANASIUK, Andrii

**Session Classification:** Solar System and extrasolar planets

Contribution ID: 47

Type: **not specified**

## **Modeling the dynamics of a binary asteroid and scenarios of its evolution**

*Wednesday 9 April 2025 13:15 (15 minutes)*

**Presenter:** ALEKSANDROV, Artur

**Session Classification:** Solar System and extrasolar planets

Contribution ID: 48

Type: **not specified**

## Various aspects of the 1D asteroid model

*Wednesday 9 April 2025 13:30 (15 minutes)*

**Presenter:** KASIANCHUK, Arsenii

**Session Classification:** Solar System and extrasolar planets



Contribution ID: 49

Type: **not specified**

## **Pre-perihelion activity of dynamically new comet C/2017 K2 (PANSTARRS)**

*Wednesday 9 April 2025 13:45 (15 minutes)*

**Presenter:** KASIANCHUK, Arsenii

**Session Classification:** Solar System and extrasolar planets

Contribution ID: 50

Type: **not specified**

## **Coma morphology of selected comets based on observations at the Kyiv Comet Station (MPC 585)**

*Wednesday 9 April 2025 14:30 (15 minutes)*

**Presenter:** KASIANCHUK, Arsenii

**Session Classification:** Solar System and extrasolar planets

Contribution ID: 51

Type: **not specified**

## **Mechanisms and statistics of cometary dust color changes**

*Wednesday 9 April 2025 14:45 (15 minutes)*

**Presenter:** VOITKO, Anhelina

**Session Classification:** Solar System and extrasolar planets

Contribution ID: 52

Type: **not specified**

# Dynamics of particles in protoplanetary disks

*Wednesday 9 April 2025 15:00 (15 minutes)*

**Presenter:** FANDIEIEV, Vlada

**Session Classification:** Solar System and extrasolar planets

Contribution ID: 53

Type: **not specified**

## **Identification of exoplanetary transit signals in TESS Sector 85: detection of potential candidates via false positive analysis**

*Wednesday 9 April 2025 15:15 (15 minutes)*

**Presenter:** YATSIUK, Maria

**Session Classification:** Solar System and extrasolar planets

Contribution ID: 54

Type: **not specified**

## **Detection of organic materials on the surface and in the atmospheres of exoplanets**

*Wednesday 9 April 2025 15:30 (15 minutes)*

**Presenter:** LOBODENKO, Mariia

**Session Classification:** Solar System and extrasolar planets

Contribution ID: 55

Type: **not specified**

## **Atmospheric structure and meteorology of SIMP-0136 with NIRISS spectra**

*Wednesday 9 April 2025 15:45 (15 minutes)*

**Presenter:** AKHMETSHYN, Roman

**Session Classification:** Solar System and extrasolar planets

Contribution ID: 56

Type: **not specified**

## **Constraining mass, orbital period, and eccentricity of non-transiting exoplanets using machine learning and MCMC-driven N-body simulations**

*Wednesday 9 April 2025 16:00 (15 minutes)*

**Presenter:** NATH, Arushi

**Session Classification:** Solar System and extrasolar planets



Contribution ID: 57

Type: **not specified**

## **Searching for signals of transiting planets in the TESS light curves of white dwarfs with dust disks**

*Wednesday 9 April 2025 16:15 (5 minutes)*

**Presenter:** SAKER, Leila

**Session Classification:** Solar System and extrasolar planets

Contribution ID: 58

Type: **not specified**

## **The TESS/MAROON-X survey for transiting planets around thick-disk stars: first results**

*Wednesday 9 April 2025 16:20 (5 minutes)*

**Presenter:** JOFRÉ, Emiliano

**Session Classification:** Solar System and extrasolar planets

Contribution ID: 59

Type: **not specified**

## **Understanding AGN through variability: pleasures and pains**

*Thursday 10 April 2025 10:00 (45 minutes)*

**Presenter:** PAOLILLO, Maurizio

**Session Classification:** Extragalactic astrophysics

Contribution ID: **60**

Type: **not specified**

## **NGC3521 as the Milky Way analogue: spectral energy distribution from UV to Radio**

*Thursday 10 April 2025 10:45 (15 minutes)*

**Presenter:** PASTOVEN, Olena

**Session Classification:** Extragalactic astrophysics

Contribution ID: 61

Type: **not specified**

# Unravelling the morphology and kinematics of young stars in the Small Magellanic Cloud

*Thursday 10 April 2025 11:00 (15 minutes)*

**Presenter:** HOTA, Sipra

**Session Classification:** Extragalactic astrophysics

Contribution ID: 62

Type: **not specified**

## **Star formation rate surface density since $z=12$ in semi-analytic model**

*Thursday 10 April 2025 11:15 (15 minutes)*

**Presenter:** NADOLNY, Jakub

**Session Classification:** Extragalactic astrophysics

Contribution ID: 63

Type: **not specified**

## **JWST's GLIMPSE into faint galaxies at Cosmic Dawn**

*Thursday 10 April 2025 11:30 (15 minutes)*

**Presenter:** CHEMERYNSKA, Iryna

**Session Classification:** Extragalactic astrophysics

Contribution ID: 65

Type: **not specified**

## **DAIQURI: Dual AGN Intelligent Query. Spectroscopic preselection**

*Thursday 10 April 2025 11:45 (15 minutes)*

**Presenter:** RYZHOV, Oleh

**Session Classification:** Extragalactic astrophysics



Contribution ID: 66

Type: **not specified**

## **Short-term optical variability in TESS blazars: QPO detections and preliminary time-domain results**

*Thursday 10 April 2025 12:00 (15 minutes)*

**Presenter:** DZYGUNENKO, Andrii

**Session Classification:** Extragalactic astrophysics

Contribution ID: 67

Type: **not specified**

## **Two quasars in the early Universe at milliarcsecond-scale resolution**

*Thursday 10 April 2025 12:45 (15 minutes)*

**Presenter:** HUSVÉTH, Bence

**Session Classification:** Extragalactic astrophysics

Contribution ID: **68**

Type: **not specified**

## **High-resolution radio imaging of the distant blazar J1429+5406**

*Thursday 10 April 2025 13:00 (15 minutes)*

**Presenter:** KOLLER, Dávid

**Session Classification:** Extragalactic astrophysics

Contribution ID: 69

Type: **not specified**

## **Unveiling the broadband spectral and temporal properties of VHE blazar 1ES 1959+650 using multiwavelength observations**

*Thursday 10 April 2025 14:25 (5 minutes)*

**Presenter:** UN NISA RAFEEQI, Peer Anjum

**Session Classification:** Extragalactic astrophysics

Contribution ID: 71

Type: **not specified**

## **Exploring the host galaxies' central concentration level of a new population of IR-selected tidal disruption events**

*Thursday 10 April 2025 13:15 (15 minutes)*

**Presenter:** KARASOVA, Taisiia

**Session Classification:** Extragalactic astrophysics

Contribution ID: 72

Type: **not specified**

## **Modelling the light curve of tidal disruption events with TiDE**

*Thursday 10 April 2025 13:30 (15 minutes)*

**Presenter:** KOVÁCS-STERMECZKY, Zsófia

**Session Classification:** Extragalactic astrophysics

Contribution ID: 73

Type: **not specified**

## **Investigation of super-Eddington discs around tidal disruption events**

*Thursday 10 April 2025 13:45 (15 minutes)*

**Presenter:** SZABÓ, Domonkos

**Session Classification:** Extragalactic astrophysics

Contribution ID: 74

Type: **not specified**

## **N-body simulations of mergers based on giant radio galaxy NGC1316**

*Thursday 10 April 2025 14:00 (15 minutes)*

**Presenter:** GERVILLE-REACHE, Elko

**Session Classification:** Extragalactic astrophysics



Contribution ID: 75

Type: **not specified**

## **Modeling excess surface density to determine cluster subhalo masses and confirm tidal stripping of dark matter**

*Thursday 10 April 2025 14:15 (5 minutes)*

**Presenter:** AKHMETSHYN, Roman

**Session Classification:** Extragalactic astrophysics

Contribution ID: 77

Type: **not specified**

## **Is the quasar J1438+6211 a compact symmetric object?**

*Thursday 10 April 2025 14:20 (5 minutes)*

**Presenter:** OLTVÁRI, Zsófia

**Session Classification:** Extragalactic astrophysics

Contribution ID: 78

Type: **not specified**

## **Exploring the plunging black hole region: first detections and implications**

*Thursday 10 April 2025 14:30 (5 minutes)*

**Presenter:** SHAH, Manasvi

**Session Classification:** Extragalactic astrophysics

Contribution ID: 79

Type: **not specified**

## **Stellar variability on the upper main sequence**

*Friday 11 April 2025 10:00 (45 minutes)*

**Presenter:** SKARKA, Marek

**Session Classification:** Stellar Astrophysics and Interstellar Medium

Contribution ID: **80**

Type: **not specified**

## **The last pulses of a dying variable star, observing the thermal pulse of RU Vulpeculae**

*Friday 11 April 2025 10:45 (15 minutes)*

**Presenter:** ZOLTÁN KERTÉSZ, Balázs

**Session Classification:** Stellar Astrophysics and Interstellar Medium

Contribution ID: **81**

Type: **not specified**

## **Superhumps in active dwarf nova ER UMa**

*Friday 11 April 2025 11:00 (15 minutes)*

**Presenter:** KIRPLUK, Bartosz

**Session Classification:** Stellar Astrophysics and Interstellar Medium

Contribution ID: 82

Type: **not specified**

## **Variable star $\beta$ Lyra: photometry and mass transfer in system**

*Friday 11 April 2025 11:15 (15 minutes)*

**Presenter:** VIAZOVSKA, Solomia

**Session Classification:** Stellar Astrophysics and Interstellar Medium

Contribution ID: 83

Type: **not specified**

# Understanding the spectrometric variability of $\zeta$ Ori A

*Friday 11 April 2025 11:30 (15 minutes)*

**Presenter:** POKHVALA, Serhii

**Session Classification:** Stellar Astrophysics and Interstellar Medium



Contribution ID: **84**

Type: **not specified**

## **Long-term monitoring of EK Draconis**

*Friday 11 April 2025 11:45 (15 minutes)*

**Presenter:** GÖRGEI, Anna

**Session Classification:** Stellar Astrophysics and Interstellar Medium

Contribution ID: **86**

Type: **not specified**

## **Modern approach of turbulent convection in classical variables**

*Friday 11 April 2025 12:30 (15 minutes)*

**Presenter:** KOVÁCS, Gábor

**Session Classification:** Stellar Astrophysics and Interstellar Medium

Contribution ID: 87

Type: **not specified**

## **Optical follow-up study of the 2021 hot-type outburst in YY Herculis**

*Friday 11 April 2025 12:45 (15 minutes)*

**Presenter:** SONITH, L. S.

**Session Classification:** Stellar Astrophysics and Interstellar Medium

Contribution ID: 88

Type: **not specified**

## **Detection and analysis of stellar flares using high-cadence photometry**

*Friday 11 April 2025 13:00 (15 minutes)*

**Presenter:** SCHMERCZ, Blanka

**Session Classification:** Stellar Astrophysics and Interstellar Medium

Contribution ID: **89**

Type: **not specified**

## **Investigation of young binary systems using LAMOST and our own spectrograph**

*Friday 11 April 2025 13:15 (15 minutes)*

**Presenter:** STOCK, Lukas

**Session Classification:** Stellar Astrophysics and Interstellar Medium

Contribution ID: **91**

Type: **not specified**

## **Photometric analysis and modelling in PHOEBE of the GZ Draconis**

*Friday 11 April 2025 13:30 (5 minutes)*

**Presenter:** OLTVÁRI, Zsófia

**Session Classification:** Stellar Astrophysics and Interstellar Medium

Contribution ID: 92

Type: **not specified**

## **Investigating the blue straggler stars in Trumpler 19: a multi-wavelength SED and photometric analysis**

*Friday 11 April 2025 13:35 (5 minutes)*

**Presenter:** CENNET ÇINAR, Deniz

**Session Classification:** Stellar Astrophysics and Interstellar Medium

Contribution ID: 93

Type: **not specified**

## **Exploring the effects of flares on potentially habitable planets around ultra-cool dwarfs with TESS**

*Friday 11 April 2025 13:40 (5 minutes)*

**Presenter:** PETRUCCI, Romina

**Session Classification:** Stellar Astrophysics and Interstellar Medium



Contribution ID: 95

Type: **not specified**

## **Modelling the radiation of shockwave-heated circumstellar material around SN 2019vxm**

*Friday 11 April 2025 14:30 (15 minutes)*

**Presenter:** LELKES, Klára

**Session Classification:** Stellar Astrophysics and Interstellar Medium

Contribution ID: 96

Type: **not specified**

## **Turbulence of molecular cloud environments of core-collapse supernovae**

*Friday 11 April 2025 14:45 (15 minutes)*

**Presenter:** SOLAR, Martín

**Session Classification:** Stellar Astrophysics and Interstellar Medium

Contribution ID: 97

Type: **not specified**

## **Filaments and dense cores in Aquila molecular cloud**

*Friday 11 April 2025 15:00 (15 minutes)*

**Presenter:** MOHARANA, Satyajeeet

**Session Classification:** Stellar Astrophysics and Interstellar Medium

Contribution ID: 98

Type: **not specified**

## **Magnetic fields on different spatial scales of the L328 cloud**

*Friday 11 April 2025 15:15 (15 minutes)*

**Presenter:** GUPTA, Shivani

**Session Classification:** Stellar Astrophysics and Interstellar Medium

Contribution ID: 99

Type: **not specified**

## **Photometric study of young open cluster NGC2345**

*Friday 11 April 2025 15:30 (15 minutes)*

**Presenter:** BELWAL, Kuldeep

**Session Classification:** Stellar Astrophysics and Interstellar Medium

Contribution ID: **100**

Type: **not specified**

## **Machine learning-based astrometric and photometric analysis of the binary open clusters NGC884 and NGC869**

*Friday 11 April 2025 15:45 (15 minutes)*

**Presenter:** TAŞDEMİR, Seval

**Session Classification:** Stellar Astrophysics and Interstellar Medium

Contribution ID: 103

Type: **not specified**

## **Estimating SED-based effective temperatures of member stars in CI Roslund 6**

*Friday 11 April 2025 16:15 (5 minutes)*

**Presenter:** ASYA SEZGIN, Elara

**Session Classification:** Stellar Astrophysics and Interstellar Medium

Contribution ID: **129**

Type: **not specified**

## **Coffee break**

**Session Classification:** Extragalactic astrophysics



Contribution ID: 130

Type: **not specified**

## **Spectroscopic and photometric characterization of evolved stars hosting brown dwarfs with Gemini-GRACES and TESS**

*Friday 11 April 2025 13:45 (5 minutes)*

**Presenter:** ZULOAGA, Camila

**Session Classification:** Stellar Astrophysics and Interstellar Medium

Contribution ID: **131**

Type: **not specified**

## **Official closure**

*Friday 11 April 2025 16:20 (30 minutes)*

Contribution ID: **132**

Type: **not specified**

## **Official opening**

*Monday 7 April 2025 09:30 (30 minutes)*

Contribution ID: 133

Type: **not specified**

## **Understanding the ionized and neutral gas dynamics in planetary nebula NGC 6445**

*Friday 11 April 2025 16:00 (15 minutes)*

**Presenter:** KHUSHBU, K.

**Session Classification:** Stellar Astrophysics and Interstellar Medium