

## **Session Program**

**26-30 Apr 2021**



## **27th Young Scientists' Conference on Astronomy and Space Physics**

### ***Stellar Astrophysics and Interstellar Medium***

<https://us02web.zoom.us/j/2709113918?pwd=ZnlyUml2VEN6YnkvSi90eTlwUzNLUT09>

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## Wednesday 28 April

15:00

### Stellar Astrophysics and Interstellar Medium

**Session** |

**Location:** <https://us02web.zoom.us/j/2709113918?pwd=ZnlyUml2VEN6YnkVSi90eTlwUzNLUT09>, <https://us02web.zoom.us/j/2709113918?pwd=ZnlyUml2VEN6YnkVSi90eTlwUzNLUT09> |

**Convener:** Mr Maksym Mohorian

15:00–15:50

#### **V4142 Sgr a Double Periodic Variable with an accretor surrounded by the accretion-disk's atmosphere**

**Speaker**

Mr Rosales Guzmán Jaime Andrés

15:50–16:05

#### **The ALMA view of the eruptive protobinary Haro 5a IRS (12+3)**

**Speaker**

Ms Anna Bartha-Veres

16:05–16:20

#### **Barium stars preserving the traces of slow neutron-capture process (12+3)**

**Speaker**

Ms Blanka Világos

16:20–16:35

#### **Broad-band polarimetry: technique, calibration and standards (12+3)**

**Speaker**

Mr Vitalii Breus

16:35–16:50

#### **coffee break**

16:50–17:05

#### **Summarization on Circumgalactic Medium, methods of studying it and building a theoretical framework (12+3)**

**Speaker**

Mr Roman Akhmetshyn

17:05–17:20

#### **Photometric and spectrophotometric study of UGSU-type dwarf nova Gaia18awg, based on ground and space observations in optical and X-ray wavelengths (12+3)**

**Speaker**

Mr Oleksii Sokoliuk

17:20–17:35

#### **Stellar flare morphology across the HRD (12+3)**

**Speaker**

Mr Bálint Seli

17:35–17:50

#### **Comprehensive study of changes in the pulsation period of Galactic Cepheid variables (12+3)**

**Speaker**

Mr Géza Csörnyei

17:50-18:05

**Investigating horizontal branch variable stars in the globular cluster NGC 5897 with space photometric methods (12+3)**

**Speaker**

Ms Csilla Kalup

18:05-18:20

**Study of the EPIC 246257206 EA variable star system discovered with the Kepler Space Telescope(12+3)**

**Speaker**

Mr Jorge Perez Gonzalez

18:20-18:30

**HIGH PRECISION DIFFUSE INTERSTELLAR MEDIUM RADIO SPECTROSCOPY THROUGH LOW-FREQUENCY CARBON RADIO RECOMBINATION LINES (12+3)**

**Speaker**

Mr Yevhen Vasylykivskyi

18:30