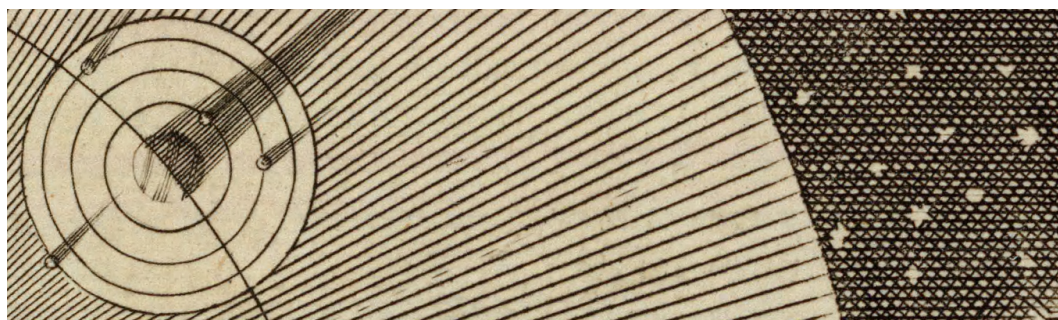


Session Program

23-24 Oct 2026



Planetary Science Conference 2026

Poster Session

Kraków, Poland, Uniwersytet Jagielloński, Wydział Fizyki, Astronomii i Informatyki Stosowanej
ul. prof. Stanisława Łojasiewicza 11

Friday 23 October

12:00

Poster Session

Poster Session |

Location: Kraków, Poland, Uniwersytet Jagielloński, Wydział Fizyki, Astronomii i Informatyki Stosowanej, ul. prof. Stanisława Łojasiewicza 11

Controlled Redirection of Asteroids onto Mars-Impacting Trajectories Under Low Thrust

Speaker

Arkadiusz Hess

Terrestrial Concretions as Indicators of Ore-Forming Processes and Potential Metal Resources on Mars

Speaker

Natalia Zalewska

Technical Requirements for Settle of a Permanent Base on High-Altitude Regions Near the South Pole of the Moon.

Speaker

Evgenii Chigarin

Machine Learning Detection of Penetration Anomalies in Planetary Lander Data: A Cross-Mission Validation Using MUPUS, HP3, and SSP

Speaker

Poojitha Annabathula

4 Decades, 4 Planets and 2 Voyagers | The legacy of the Grand Tour and the Journey Beyond.

Speaker

Martyna Fus

Restoration of Martian Environment and Problems with Sisyphian Effect

Speaker

Leszek Czechowski

Hyperspectral Characterization of Extremophilic Microbial Biofilms from Svalbard for Planetary Biosignature Detection

Speaker

Agata Harasymczuk

Systematic Assessment of Central European Volcanic Province Subregions for Igneous Petrological, Geochemical and/or Mineralogical Martian Analog Terrains and Source of Lunar Analog Materials

Speaker

Jose San Martin Lobos

Computational Investigation of Lunar Surface Charging Effects on Spaceborne Orbitrap Mass Spectrometers

Speaker

Bharath Saravanan

Development of a Scoby-Based Bioelectrochemical System for Sustainable Energy Generation in Closed Environments of Future Martian Bases

Speaker

Oliwia Wrona

Multi-Sensor Cross-Domain Transfer Learning Between a Terrestrial Aeolian Analog Site and Martian Orbital Imagery**Speaker**

Poojitha Annabathula

Effect of Ionizing Radiation on Bacterial Cellulose Produced by a Kombucha Consortium**Speaker**

Wiktoria Ilczyszyn

Landable Is Not Buildable: Assessing the Artemis Candidate Regions as Sites for Permanent Habitation**Speaker**

Marcin Kitala

LunaX: Deep Learning and Human-in-the-Loop Analysis of Lunar Surface Features from Orbital Imagery**Speaker**

Marcin Kitala

Multivariate Data Analysis in Planetary Geology Using “Pebbler” App**Speaker**

Szymon Mol

Can the Historical VSOP87 Analytical Model Match Modern JPL Ephemerides?**Speaker**

Jakub Janus

Study of Whistler-Mode Instability Across 5–40 R_j Using JRM33 and Juno-Based Density Models**Speaker**

Ankit Dhaikar

Beyond Manual Mapping: MarsCONE 2.0 for Automated Volcanic Cone Morphometry**Speaker**

Jakub Ślędziowski

TOI-7475 Spectroscopic Follow Up - Detection of a Massive Hot Jupiter on an Eccentric Orbit.**Speaker**

Joanna Pietrucha

13:00