

Planetary Science Conference 2025

Friday 24 October 2025

Poster session: I (12:30 - 13:30)

[id] title	presenter	board
[15] The history of one compound megachondrule	KOSZOWSKA, Ewa	01
[43] Geochemistry, geochronology, and fall characteristics of the Ribbeck meteorite.	BŁASIAK, Aleksander	02
[9] Protoplanetary cores drove chondrule formation	ALI-DIB, Mohamad	03
[8] Spectroscopic measurements for possible cometary dust analogues	POTERA, Piotr	04
[4] Characterization of rocky exoplanets in habitable zones: An astrobiological approach	VEGA CARO, Maria Valentina	05
[39] The influence of dust on the radiance spectra of the Martian soil and atmosphere and the surface of Mercury	BŁĘCKA, Maria I.	06
[25] A new method to evaluate the impact of spectral resolution and irradiation on spectral feature detectability	PÁL, Bernadett D.	07
[20] Asteroid search and observation in citizen science projects: IASC, COIAS, and TDMP	WICHER, Maria	08
[45] Beyond Earth observation – Bridging the worlds of modern geospatial and planetary science	BYLICA, Wojciech	09
[46] Preparation of the natural lunar regolith simulant	SZCZĘŚNIEWICZ, Mateusz	10

Poster session: II (18:00 - 19:00)

[id] title	presenter	board
[6] New ballistic trajectories model for Mars ground-truthed by the discovery of pyroclastic bombs in Ceraunius Fossae, Tharsis	PIETEREK, Bartosz	11
[12] Geological reality and magma propagation models: accounting for fracturing	POPPE, Sam	12
[18] The DAGGER project: Modelling magma propagation on Earth versus Mars	POPPE, Sam	13
[19] A comparative analysis of dyke-assisted fracturing on Earth and Mars	BAIJU, Amisha	14
[26] New modelling approach to evaluate fluvial erosion and deposition on Mars	STEINMANN, Vilmos	15
[34] Identification of ore minerals on Mars based on data from Opportunity rover and research on terrestrial analogues	ZALEWSKA, Natalia CZECHOWSKI, Leszek	16
[27] Terraforming Mars – a feasibility study	CZECHOWSKI, Leszek	17
[22] Leveraging low-thrust propulsion and simulated Neptune gravity-assist maneuvers to redirect Trans-Neptunian Objects for Mars terraforming: a comparative assessment of ΔV and impact time requirements	HESS, Arkadiusz	18
[35] Toward the first tree on Mars: energy balance simulations of growth conditions	WENDLAND, Agnieszka	19
[41] Cartographic visualization of the Mars terraforming process	GNAT, Miłosz	20
[21] Do we really need to save Earth, If Space will save us?	NIEWIAROWSKI, Błażej	21

[31] RAF Analog Space Mission - First analog mission on mining heaps	GODLEWSKA, Natalia	22
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