

Thursday, September 17, 2026, Tampere, Finland

This one-day satellite workshop will take place as part of the IEEE International Conference on Image Processing (ICIP 2026). The focus is on advanced image processing methods for planetary exploration and small-body missions, where modern space systems rely on a wide range of imaging technologies such as optical cameras, hyperspectral sensors, radar and ground-penetrating radar, LiDAR, and in-situ microscopes. The aim is to bring together researchers working on different mission-related topics such as low signal-to-noise imaging, radar and subsurface reconstruction, multispectral analysis, three-dimensional shape reconstruction, multimodal data fusion, physics-informed learning, onboard processing, and uncertainty estimation.

We now welcome contributions with a submission deadline of May 13, 2026. Those can be submitted as full papers (published in IEEE Xplore) or one-page abstracts for presentation. Submissions are handled through the main ICIP conference system (<https://2026.ieeeicip.org/>). Presentations may be delivered either on-site or remotely. Wishing to meet you at Tampere University in September! Further information: <https://events.tuni.fi/planetarymissionsimaging/>.

#### Workshop conveners

- Prof. Sampsa Pursiainen, Mathematics Research Center, Tampere University
- Dr. Pamela Such, SETI Institute
- Prof. Christelle Eyraud, Institut Fresnel, Aix-Marseille University
- Dr. Tomas Kohout, Space Research Laboratory, University of Turku
- Mr. Topi Pajala, Mathematics Research Center, Tampere University
- Dr. Ozgur Karatekin, Royal Observatory of Belgium
- Dr. Alexandra Koulouri, Mathematics Research Center, Tampere University
- Mr. Camilo Andres Reyes, Spaceln

