13th IAPR
Workshop on Pattern Recognition in Remote Sensing
as part of ICPR 2024

Paper submission deadline: August 12, 2024
Kolkata, India. December 01-05, 2024

contains modified Copernicus Sentinel data (2022), processed by ESA

Workshop organizers

Ujjwal Verma
Manipal Institute of Technology, India

Johannes Leonhardt
University of Bonn, Germany

Ribana Roscher
Forschungszentrum Jülich, Germany
University of Bonn, Germany

Charlotte Pelletier
Université Bretagne Sud, France

Sylvain Lobry
Université de Paris, France

Marc Rußwurm
Wageningen University, Netherlands

Workshop information

https://iapr-tc7.github.io/prrs2024/

Conference information

https://icpr2024.org/

Important dates

Submission deadline
August 12, 2024

Author notification
September 13, 2024

Camera ready submission
September 24, 2024

Conference
December 01-05, 2024

IAPR TC-7
REMOTE SENSING
AND MAPPING

Aims and scope

As one of the flagship events of the International Association for Pattern Recognition, the Workshop on Pattern Recognition in Remote Sensing connects researchers from pattern recognition and remote sensing. It emphasizes the application of machine learning and pattern recognition methods to remotely sensed data acquired from UAVs, aerial platforms, and satellites. The discussion topics might cover a wide range but are not limited to:

- (Deep) machine learning methods for Earth observation data, including UAV and aerial remote sensing data
- Extraction, selection, learning, and reduction of feature representations
- Pattern recognition and knowledge discovery
- Active and transfer learning
- Multi-modal and multi-temporal analysis
- Surrogate models, hybrid, physics-informed models
- Semantic classification and parameter estimation from hyperspectral and multispectral images
- Analysis and processing of radar data, airborne thermal data, point clouds, LiDAR data
- Recognition of man-made objects from aerial and space platforms
- Change detection and land use/land cover mapping
- Remote sensing data fusion and integration
- Explainable and interpretable machine learning
- Benchmark datasets
- Technical reviews on related topics
- Applications for climate change, sustainable development goals, and geoscience

Submission Guidelines: Same as ICPR 2024 Conference. Refer to our website for more details. All papers should be submitted via CMT:
https://cmt3.research.microsoft.com/PRRS2024