

The short report of the organization of EURASIP – IEEE SPS Summer School on Remote Sensing and Microscopy Image Processing, 2024 Veszprém, Hungary, 29 July – 2 August 2024

Attendees: 15 participants (citizenships: Algeria, Costa Rica, Egypt, France, Hungary, Indonesia, Italy, Republic of Korea, Serbia, Turkey, Ukraina) . The data of participants is sent in a separate file as requested.

Technical program with speakers:

Alin Achim: Sparse Distributions and Inverse Problems in SAR Imaging of the Sea Surface

Csaba Benedek: Urban scene perception and environment model synthesis from multisensorial spatial data

Avik Bhattacharya: Aspects of Polarization in Earth Observation Using Radar Remote Sensing

Laure Blanc-Féraud: Sparse optimization for inverse problems in imaging. Application in super-resolution microscopy

Xavier Descombes: Objects detection in biological image processing: from marked point processes to deep learning

Gyula Fekete: Deep learning for mass production of urban smart tree inventory using ground LIDAR point cloud data

Peter Horvath: Life beyond the pixels: deep learning methods in cancer and virus research

Gabriele Moser: Semantic segmentation of remote sensing images through the integration of deep learning and probabilistic graphical models

Tamas Sziranyi: Remote sensing in Earth observation for biodiversity tracking and road throughput optimization

Josiane Zerubia: Marked Point Process Models in Image Processing. Application to Remote Sensing

The complete program: <https://ssrm.mik.uni-pannon.hu/PreliminaryProgram20240726.pdf>

