

9th IAPR Workshop on Pattern Recognition in Remote Sensing

Co-sponsored by IAPR, ISPRS ICWG III/VII, and IEEE-GRSS

Cancun, Mexico, December 4th 2016

- **9:00 Opening, Remarks on PRRS and the State of IAPR TC-7, Eckart Michaelsen, Fraunhofer-IOSB, Germany.**
- **9:20 Session I, LIDAR and SAR, Chair: Devis Tuia, Univ. of Zurich, Switzerland.**
 - Y. Xu, S. Tuttas, U. Stilla: Segmentation of 3D outdoor scenes using hierarchical clustering structure and perceptual grouping laws. (#008)
 - C.-H. Yang, B. K. Kenduiywo, U. Soergel: 4D Change Detection Based on Persistent Scatterer Interferometry. (#011)
 - M. Gordon: Fast Extraction of Dominant Planes in MLS-data of Urban Areas. (#019)
 - F. Wang, Y. Ye, X. Hu, J. Shan: Point Cloud Registration by Combining Shape and Intensity Contexts. (#023)
- **11:00 Coffee Break**
- **11:20 Session II, Classification on Multispectral Satellite Imagery, Chair: Jie Shan, Purdue, USA.**
 - R. J. Pisani, K.A.P. Costa, G. Rosa, D. Pereira, J. P. Papa, J.M.R.S. Tavares: River Sediment Yield Classification Using Remote Sensing Imagery. (#009)
 - A. Ducournau, R. Fablet: Deep Learning for Ocean Remote Sensing: An Application of Convolutional Neural Networks for Super-Resolution on Satellite-Derived SST Data. (#015)
 - R. Roscher, S. Wenzel, B. Waske: Discriminative Archetypal Self-taught Learning for Multispectral Landcover Classification. (#020)
 - K. Nogueira, J. A. dos Santos, T. Fornazari, T. S. F. Silva, L. P. Morellato, R. da S. Torres: Towards vegetation species discrimination by using data-driven descriptors. (#022)
- **13:00 Lunch Break**
- **14:40 Session III, Hyperspectra, Chair: Uwe Stilla, TU Munich, Germany.**
 - Devis Tuia, key-note
 - A. Nikonorov, M. Petrov, P. Yakimov, V. Blank, S. Karpeev, R. Skidanov, N. Kazansky: Evaluating Imaging Quality of the Offner Hyperspectrometer. (#017)
 - D. Han, Q. Du, N. H. Younan: Semisupervised Classification of Hyperspectral RemoteSensing Images with Spatial Majority Voting. (#021)
- **16:20 Coffee Break**
- **17:40 Session IV, Aerial Imagery, etc., Jenny Quian Du, Mississippi State, USA.**
 - B. Kottler, D. Bulatov, H. Schilling: Improving semantic orthophotos by a fast method based on harmonic inpainting. (#007)
 - L. W. Sommer, T. Schuchert, J. Beyerer: Comprehensive Study on Object Proposals Methods for Vehicle Detection in Aerial Images. (#014)
 - M. Xia, J. Yao, R. Xie, X. Lu, L. Li: Robust Alignment for UAV Images Based on Adaptive Adjustment. (#012)
 - M. Lench, C. Wöhler: Reflectance-Based 3D Shape Refinement of Surfaces with Spatially Varying BRDF Properties. (#010)
- **18:20 Closing.**