

# 6th IAPR Workshop on Pattern Recognition in Remote Sensing (PRRS 2010)



August 22, 2010  
Military Museum, Istanbul, Turkey  
(in conjunction with ICPR 2010)



## WORKSHOP PROGRAM

**09:00-09:05**    **Opening remarks**

**09:05-10:05**    **Invited talk**

Dr. Giovanni Marchisio, DigitalGlobe Inc., Research & Development, Longmont, CO, USA  
Title: "Quantifying Spectral Predictor Value in High Resolution WorldView-2 Imagery"

**10:05-10:30**    **Session 1**

- "Classification of Multitemporal Remote Sensing Data Using Conditional Random Fields," by T. Hoberg, F. Rottensteiner, C. Heipke, Leibniz Universität Hannover

**10:30-11:00**    **Coffee break**

**11:00-12:15**    **Session 2**

- "Kernel Discriminative Random Fields for Land Cover Classification," by R. Roscher, B. Waske, University of Bonn
- "Comparative Analysis of Training Strategies for Neural Network-Based Spectral Unmixing of Laboratory-Simulated Forest Hyperspectral Scenes," by A. Plaza, J. Plaza, University of Extremadura
- "Classification of hazelnut orchards by self-organizing maps," by K. Tasdemir, Institute for the Protection and Security of the Citizen, European Commission Joint Research Centre

**12:15-13:45**    **Lunch**

**13:45-14:35**    **Invited talk**

Prof. Roger L. King, Mississippi State University, Mississippi State, MS, USA  
Title: "Earth Understanding from Observation: A Contextual Approach"

**14:35-15:00**    **Session 3**

- "3D Object-based Classification for Vehicle Extraction from Airborne LiDAR Data by Combining Point Shape Information with Spatial Edge," by W. Yao, S. Hinz, U. Stilla, Technischen Universitaet Muenchen

**15:00-15:30**    **Coffee break**

**15:30-17:10**    **Session 4**

- "Simultaneous Feature and HMM Model Learning for Landmine Detection using Ground Penetrating Radar," by X. Zhang, S. E. Yuksel, P. Gader, J. N. Wilson, University of Florida
- "Building detection in satellite images by textural features and Adaboost," by M. Cetin, TUBITAK, U. Halici, O. Aytakin, Middle East Technical University
- "Perceptual Grouping for Building Recognition from Space-borne SAR Image Stacks," by E. Michaelsen, Fraunhofer IOSB, U. Soergel, A. Schunert, University of Hannover, L. Doktorski, K. Jaeger, Fraunhofer IOSB
- "Linear structure recognition based on image vectorization," by M. Naouai, N. Melki, A. Hamouda, URPAH

**17:10-17:15**    **Closing remarks**