

24 - 27 September 2012

Edinburgh International Conference Centre
Edinburgh, United Kingdom

FINAL PROGRAM ADDENDUM

**CONF. 8531: Remote Sensing for Agriculture,
Ecosystems, and Hydrology**

- Session 2-Cancelled: 8531-7
- Session 4-Moved to posters: 8531-11
- Posters-Cancelled: 8531-73, 74, 78, 85

**CONF. 8533: Sensors, Systems, and Next-
Generation Satellites**

- Posters-Cancelled: 8533-70

**CONF.8534A: Remote Sensing of Clouds and the
Atmosphere**

- Session 1-Cancelled: 8534-4
- Session 1-10.30: NEW PAPER
TBA, Konradin Weber, Fachhochschule
Düsseldorf (Germany)

**CONF. 8534B: Lidar Technologies, Techniques, and
Measurements for Atmospheric Remote Sensing**

- Session 7-Cancelled 8534-50

**CONF. 8537: Image and Signal Processing for
Remote Sensing**

- Session 5— *scheduled for presentation, but omitted from printed programme:*
11.20: Reduction of training costs using active classification in fused hyperspectral and LiDAR data, Sebastian Wuttke, Hendrik Schilling, Wolfgang Middelman, Fraunhofer-Institut für Optronik, Systemtechnik und Bildauswertung (Germany) [8537-22]
- Session 6— *scheduled for presentation, but omitted from printed programme:*
14.20: Short term change detection for UAV video, Günter Saur, Wolfgang Krüger, Fraunhofer-Institut für Optronik, Systemtechnik und Bildauswertung (Germany) [8537-27]

**CONF. 8538A: Earth Resources and Environmental
Remote Sensing/GIS Applications**

- Session 2— *scheduled for presentation, but omitted from printed programme:*
11.10: Comparison of 3D textured models depicting micro folds: Panoramic Stereopair Imagery vs. Time of Flight Laser Scanner, Aristidis D. Vaiopoulos, University of Athens (Greece); Andreas Georgopoulos, National Technical University of Athens (Greece); Stylianos G. Lozios, University of Athens (Greece) and University of Athens (Greece) [8538-6]
- Session 7— *scheduled for presentation, but omitted from printed programme:*
14.40: SPOT 5 imagery for soil salinity assessment in Iraq, Sergio Teggi, Sofia Costanzini, Francesca Despini, Univ. degli Studi di Modena e Reggio Emilia (Italy); Francesco Immordino, ENEA (Italy); Paolo Chiodi, Univ. degli Studi di Modena e Reggio Emilia (Italy) [8538-31]
- Session 8— *scheduled for presentation, but omitted from printed programme:*
16.30: Combine MODIS and HJ-1 CCD NDVI with logistic model to generate high spatial and temporal resolution NDVI data, Jingyi Jiang, Jinling Song, Jingdi Wang, Zhiqiang Xiao, Beijing Normal Univ. (China) [8538-36]
- Poster Session—*scheduled for presentation, but omitted from printed programme:*
The application of remote sensing in the environmental risk monitoring of tailings pond: a case study in Zhangjiakou area of China, Rulin Xiao, Wenming Shen, Wencheng Xiong, Zhuo Fu, Yuanli Shi, Fei Cao, Ministry of Environmental Protection (China) [8538-38]

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Land cover data from Landsat single-date archive imagery: an integrated classification approach, Sofia Bajocco, Tomaso Ceccarelli, Simone Rinaldo, Antonella De Angelis, Luca Salvati, Luigi Perini, Agricultural Research Council (Italy) [8538-53]

CONF. 8538B: Special Joint Session on Remote Sensing and Natural Disasters: Remote Sensing

- Session 10— *scheduled for presentation, but omitted from printed programme:*
9.40: Flood delineation from synthetic aperture radar data with the help of a prior knowledge from historical acquisitions and digital elevation models in support of near-real-time flood mapping, Stefan Schlaffer, Markus Hollaus, Wolfgang Wagner, Technische Univ. Wien (Austria); Patrick Matgen, Ctr. De Recherche Public – Gabriel Lippmann (Luxembourg) [8538-73]

CONF. 8539: High-Performance Computing in Remote Sensing

- Session 3— *scheduled for presentation, but omitted from printed programme:*
9.30: Evolutionary techniques for sensor networks energy optimization in marine environmental monitoring, Francesco Grimaccia, Politecnico di Milano (Italy); Ron Johnstone, University of Queensland (Australia); Marco Mussetta, Politecnico di Milano (Italy); Andrea Pirisi, UP – Underground Power (Italy); Riccardo E. Zich, Politecnico di Milano (Italy) [8539-16]

CONF. 8541: Electro-Optical and Infrared Systems: Technology and Applications

- Session 6: — *scheduled for presentation, but omitted from printed programme:*
9.30: Thermal imaging for current D&S priorities, Robert Craig, John Parsons, Thales UK (United Kingdom) [8541-60]
- 9.50: 8541-22
- 10.10: 8541-23

CONF. 8542D: Military Applications in Hyperspectral Imaging and High Spatial Resolution Sensing

Welcome & Introduction: 11.10

SESSION 17

Military Applications in Hyperspectral Imaging and High Spatial Resolution Sensing 1: 11.10 to 12.30

Session Chair: Ainsley Killey, BAE Systems (United Kingdom)

- 11.10: 8542-80
- 11.30: — *scheduled for presentation, but omitted from printed programme:*
11.30: A novel technique for adaptive anomalous change detection in airborne hyperspectral imagery, Marco Diani, Salvatore Resta, Nicola Acito, Giovanni Corsini, Univ. di Pisa (Italy); Sergio U. de Ceglie, CISAM (Italy) [8542-81]
- 11.50: 8543-82
- 12.10: 8543-83
- Lunch Break: 12.30 to 13.30

SESSION 18:

Session Chair: David C. Dayton, Applied technology Associates (United States)

SESSION 19:

Session Chair: John Goglewski, European Office of Aerospace R&D (United Kingdom)