

Final Program



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Manfred Zink	DLR

11:40 **New Frontend Configuration of PAMIR for GMTI and Interferometric SAR Purposes**
Helmut Wilden, Andreas Brenner, Olaf Peters, Olaf Saalman, Bernd Poppelreuter, FGAN, Germany

12:00 **A Miniaturised Coded SAR Transponder for Target Tagging**
David Hounam, Robert Bauer, Markus Limbach, DLR, Germany; Pouria Sanae, Helena Norman, University of Lulea, Sweden

12:20 *Lunch*

Hall 2 **Urban Remote Sensing I (invited)**

*Chair: Uwe Stilla, Germany,
Co-chair: Fabio Dell'Acqua, Italy*

8:30 **Urban Road Network Extraction in SAR Images Exploiting Road Junction Knowledge**
Matteo Negri, Paolo Gamba, Gianni Lisini, University of Pavia, Pavia, Italy

8:50 **A Probabilistic Fusion Concept for Road Extraction from Multiple SAR Views**
Karin Hedman, Stefan Hinz, Uwe Stilla, Photogrammetry and Remote Sensing, Technische Universitaet Muenchen, Germany

9:10 **A Tracking Algorithm for Road Extraction in Dense Urban Areas: Importance of Contextual Information**
Virginie Amberg, Magellium, Marc Spigai, Yves Le Roy, Alcatel Alenia Space, France

9:30 **Bridge Detection in Multi-Aspect High-Resolution Interferometric SAR Data**
Uwe Soergel, University of Hannover, Erich Cadario, Hermann Gross, Antje Thiele, Ulrich Thoennessen, FGAN, Germany

9:50 **Mumford-Shah Filtering and Urban Area Classification**
Fabio Dell'Acqua, Paolo Gamba, Francesco Zucca, University of Pavia, Riccardo Scopigno, Istituto Superiore Mario Boella, Turin, Italy


10:10 *Coffee Break*

Hall 2 **Urban Remote Sensing II (invited)**

*Chair: Uwe Stilla, Germany,
Co-chair: Uwe Soergel, Germany*

10:40 **Study of Altimetric Mixtures in Layover Areas on High Resolution InSAR Images**
François Cellier, Helene Oriot, ONERA, Jean-Marie Nicolas, ENST Paris, France

11:00 **Urban Scene Analysis from SAR Image Sequences**
Robert Hill, Christopher Moate, David Blacknell, QinetiQ, UK

11:20 **Real-Time SAR-Simulation on Graphic Processor Units**
 *Timo Balz, Institute for Photogrammetry, University of Stuttgart, Germany*

11:40 **3D Information Extraction by Score Optimization Between SAR and Optical Data**
Florence Tupin, Frédéric Galland, GET Télécom Paris, France

12:00 **Building Recognition in Urban Areas from Multi-Aspect High-Resolution Interferometric SAR Data**
Antje Thiele, Ulrich Thoennessen, Erich Cadario, Karsten Schulz, FGAN, Uwe Soergel, University of Hannover, Germany

12:20 *Lunch*

Hall 2 **Feature Extraction II**

*Chair: Ken C. Jesek, USA,
Co-chair: Christoph Schaefer, Germany*

13:50 **Point Target Behaviour in High Resolution SAR images: Time-Frequency versus Polarimetric Analysis**
Céline Tison, Jean-Claude Souyris, Nicolas Clerc-Renaud, CNES, France

14:10 **Comparison of Methods for Classification of Land Cover using Polarimetric SAR Data**
Ernst Krogager, Doroteya Staykova, Vito Alberga, Danish Defence Research Establishment, Denmark; Andreas Danklmayer, DLR, Madhu Chandra, Chemnitz University of Technology, Germany