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TH4.15: State-of-the-Art of Urban Remote Sensing

Session Type: Oral

Time: Thursday, July 26, 15:40 - 17:20

Location: **Room 13B**

Session Chairs: Paolo Gamba, University of Pavia and Uwe Stilla, Technische Universität München

TH4.15.1: A NEW BUILT-UP PRESENCE INDEX BASED ON DENSITY OF CORNERS

Lionel Gueguen; *European Commission, Joint Research Centre*

Pierre Soille; *European Commission, Joint Research Centre*

Martino Pesaresi; *European Commission, Joint Research Centre*

TH4.15.2: ADVANCED METHODS FOR AUTOMATED OBJECT EXTRACTION FROM LIDAR IN URBAN AREAS

Franz Rottensteiner; *Leibniz Universität Hannover*

TH4.15.3: MONITORING BUILDINGS AND INFRASTRUCTURES WITH VERY HIGH RESOLUTION INTERFEROMETRIC SAR DATA

Gianfranco Fornaro; *National Research Council of Italy*

Antonio Paucillo; *National Research Council of Italy*

Diego Reale; *National Research Council of Italy*

Simona Verde; *University of Naples Parthenope*

TH4.15.4: MEASURING MACHINE LEARNING MODEL PORTABILITY USING VERY-HIGH SPATIAL RESOLUTION MULTI-ANGLE IMAGERY

Nathan Longbotham; *University of Colorado*

Fabio Pacifici; *DigitalGlobe, Inc.*

Chris Padwick; *DigitalGlobe, Inc.*

William J. Emery; *University of Colorado*

TH4.15.5: URBAN REMOTE SENSING BY ULTRA HIGH RESOLUTION SAR

Uwe Stilla; *Technische Universität München*



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