

Program of the Workshop

September 16, 2019 - Workshop Day 1

Warsaw University of Technology, Koszykowa 75, Warsaw, Poland, room 101, 1st floor

- 9.00 - 10.00 Registration
- 10.00 - 10.15 Workshop Opening
- 10.15-11.00 **Keynote presentation with discussion**
Dr. Gottfried Mandlburger
"Evaluation of Single Photon and waveform LiDAR"
- 11.00 - 11.15 coffee/tea break
- 11.15-12.00 **Keynote presentation with discussion**
Dr. Isabella Toschi
"Airborne oblique imaging: towards the hybrid era"
- 12.00 Photo of workshop attendees
- 12.00 - 13.00 Lunch – Main Hall of Warsaw University of Technology
- 13.00 - 15.00 **Session #1** – Evaluation and benchmarking geodata and algorithms
- K. Bakuła, J. P. Mills, F. Remondino
"Review on benchmarking in photogrammetry and remote sensing: preface"
- E. Özdemir, I. Toschi, F. Remondino
"A multi-purpose benchmark for photogrammetric urban 3D reconstruction in a controlled environment"
- A. Frenzel, N. Deckers, R. Reulke
"Quantitative comparison between neural network- and SGM-based stereo matching"
- G. Gabara, P. Sawicki
"Test field Kortowo for testing photogrammetric products accuracy – design and first evaluation"
- 15.00 - 15.20 coffee/tea break
- 15:20 – 15:40 Sponsor's presentation: P. Strzeliński , K. Kondracki – GISPRO Sp. z o.o.
"Multi-Sensor Aviation Diagnostic Station For Inventory of Forest Areas"
- 15:40 – 16:00 Sponsor's presentation: P. Nørgård – Hexagon / Leica Geosystems
"Choose the best LiDAR technology for the size of your projects"
- 17.30 - 20.00 Social trip in Warsaw Old Town:
Program: Tomb of the Unknown Soldier, Presidential Palace, A. Mickiewicz monument, Chopin's benches and walk through the streets of old city: King Sigismund's Column, Royal Castle, St. John's Cathedral, Old Town Square with monument of Warsaw Mermaid, house of birth Mary Skłodowska Curie, defensive walls with Barbican.
- 20.00 - 24.00 Ice-breaker Dinner in [Podwale 25](#) Restaurant

September 17, 2018 - Workshop Day 2
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- 8.30 – 9.00 News from INTERGEO 2019
- 9.00 - 10.30 Session #2** – Evaluation of data quality
- W. Izdebski, A. Andrzejewski, A. Bober
“Requirements for photogrammetric data collected in national geodetic and cartographic resource”
- W. Ma, Y. Zhao, P. Zhang, S. Dong, F. Luo, C. Liu, X. Wu
“Research on quality supervision and spot checks technology for nationwide large-scale topographic maps in China”
- P. Wiącek, K. Pyka
“The test field for UAV accuracy assessments”
- 10.30 - 10.45 coffee/tea break
- 10.45 – 11.00 Main Sponsor’s presentation: Radomir Bałazy – Gispro Sp. z o.o.
- 11.00 - 12.30 Session #3** - Evaluation and benchmarking sensors and systems
- D. Iwaszczuk, Z. Koppanyi, J. Pfrang, C. Toth
“Evaluation of a multi-sensor system for seamless outdoor and indoor mapping”
- A. Warchoł
“The concept of LIDAR data quality assessment in the context of BIM modeling”
- K. Bakula, T. Kogut, W. Ostrowski
“A concept for LIDAR sensors benchmarking”
- 12.30 - 13.30 Lunch – Main Hall of Warsaw University of Technology
- 13.30 – 13.45 Sponsor’s presentation: Jan Konieczny – Vexcel
- 13.45 – 14.00 Sponsor’s presentation: Joanna Mleczko – MGGP Aero
- 14.00 – 14:30 coffee/tea break
- 14.30 - 16.00 Session #4** – Evaluation of sensors and geodata in selected applications
- A. Abramowicz, R. Chybiorz
“Fire detection based on a series of thermal images and point measurements: the case study of coal-waste dumps”
- M. Cavour, H.S. Duzgun, S. Kemec, D. C. Demirkan
“Land use and land cover classification of Sentinel-2A: St. Petersburg case study”
- G. Kuc, J. Chormański
“Sentinel-1 and sentinel-2 data fusion for mapping and monitoring imperviousness in urban areas”
- 16.00 - 16.30 Closing of Workshop