ANNOUNCEMENT

The wide variety of sensors and systems available on the market for collecting spatial data makes the evaluation of provided information, calibration of sensors and benchmarking of systems and 3D data a critical task. It is also an important scientific issue for many professionals. In daily work, the assessment of tools for collecting spatial data resources is a crucial issue for National Mapping and Cadastral Agency officers and all professionals handling geospatial data. This Workshop is therefore appropriate for potential attendees who want to extend their knowledge in the fields of photogrammetry and remote sensing.

Organizers:

International Society for Photogrammetry and Remote Sensing ISPRS
Commission I WG I/10 in cooperation with Commission II
European Spatial Data Research EuroSDR

Supporters

Warsaw University of Technology, Faculty of Geodesy and Cartography
University of Warsaw, Faculty of Geography and Regional Studies
Association of Polish Surveyors
Polish Head Office of Geodesy and Cartography
For who?

- **Scientists** – to promote and announce your benchmarks, exchange your experience
- **NMCA representatives** – to get know new trends in sensor and geospatial data
- **Industry representatives** – to share your experience, to promote your solutions
- **PhD Students and students** – to gain experience during workshop, to publish your research and participate eventually in summer school

General topics

- Validation of sensors and systems: methods, results
- Proposals for benchmarks considered for ISPRS/EuroSDR to be released
- Geometric calibration of sensors and systems
- Radiometric calibration of sensors
- Evaluation and comparison of geospatial data
- Influence of errors caused by sensors/systems in received data
- Other topics of relevance to the subject of the Workshop and Summer School

Information for Authors

All of abstracts submitted for Workshop will be reviewed and published in ISPRS Archives of Photogrammetry, Remote Sensing and Spatial Information Systems. All participants of the workshop are invited to prepare at least one conference paper submitted to be considered by scientific committee for publication during workshop in oral or eventual poster session (depending on number of submissions). Submitted abstract of 1000 words should also content title, authors, their affiliation and e-mail address. Submissions can be related to evaluation of sensors, systems, geospatial data. Submissions can summarize achieved results of past, present current benchmark and future benchmarking proposals which can be described in ISPRS Archives. [More info >>]

Important dates

<table>
<thead>
<tr>
<th>Date</th>
<th>Event Description</th>
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<tbody>
<tr>
<td>28.06.2019</td>
<td>Early-bird deadline registration for Workshop</td>
</tr>
<tr>
<td>31.07.2019</td>
<td>Deadline for abstract and benchmark proposals</td>
</tr>
<tr>
<td>17.08.2019</td>
<td>Notification and abstract acceptance</td>
</tr>
<tr>
<td>28.06.2019</td>
<td>Deadline of application for Summer School</td>
</tr>
<tr>
<td>02.09.2019</td>
<td>Workshop paper submission deadline (ISPRS Archives)</td>
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Workshop registration fees

<table>
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<tr>
<th>Date</th>
<th>Fee Description</th>
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<tbody>
<tr>
<td>Before 28.06.2019</td>
<td>€ 100 regular attendees early bird</td>
</tr>
<tr>
<td>Before 28.06.2019</td>
<td>€ 50 students and summer school attendees</td>
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<tr>
<td>After 28.06.2019</td>
<td>€ 150 regular attendees</td>
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<tr>
<td>After 28.06.2019</td>
<td>€ 100 students and summer school attendees</td>
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Registration >>
Preliminary program of Workshop

September 16, 2019 - Workshop Day 1

9.00 - 10.00 Registration
10.00 - 10.15 Workshop Opening
10.15-11.35 Keynote presentations:

Dr. Gottfried Mandlburger
“Comparison of Single Photon and waveform LiDAR”

Dr. Isabella Toschi
“Airborne oblique imaging: towards the hybrid era”

11.35 - 12.00 coffee/tea break
12.00 - 13.30 Session #1 – Past benchmarks of sensors, systems and 3D data
13.30 - 14.30 lunch
14.00 -15.30 Session #2 – Validation of sensors and systems: methods, results #1
17.30 - 19.00 Social trip in Warsaw Old Town
19:00 - 22.00 Ice-breaker

September 17, 2018 - Workshop Day 2

8:30 - 9:00 News from INTERGEO 2019
9.00 - 10.30 Session #3 - Evaluation and benchmarking of geospatial data
10.30 - 11.00 coffee/tea break
11.00 - 12.30 Session #4 - Validation of sensors and systems: methods, results #2
13.00 - 14.00 lunch
14.00 - 16.00 Session #5 - Benchmarks releases – presentations and discussions
16.00 - 16.30 Closing of Workshop

Scientific Committee

Chair        Prof. Zdzisław Kurczyński         Warsaw University of Technology, Poland
Chair        Dr Fabio Remondino                 Bruno Kessler Foundation, Italy / EuroSDR / ISPRS
V-ce chair   Prof. Ralf Reulke                 German Aerospace Center, Germany / ISPRS
V-ce chair   Prof. Jon Mills                   Newcastle University, Great Britain / EuroSDR
more members >>

Organizing Committee

Organizing committee

Chair        Dr. Krzysztof Bakuła                Warsaw University of Technology, Poland
Chair        Prof. Bogdan Zagajewski            University of Warsaw, Poland
V-ce chair   Dr. Dorota Iwaszczuk               Technical University of Munich, Germany
V-ce chair   Dr. Markéta Potůčková             Charles University in Prague, Czech Republic
more members >>
**Summer School**

This edition VOLTA Summer School is related to hyperspectral data, which is organized just after the Workshop (additional registration required). It is targeted at PhD Students, Masters Students, National Mapping and Cadastral Agency Officers, and other professionals working with image and range-based sensors collecting remote sensing data, either as separate sensors or in integrated systems. Summer school is organized within VOLTA project [more about Summer School >>](#)


Contact:

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