



Photogrammetric Image Analysis (PIA) and High-Resolution Earth Imaging for Geospatial Information (HRIGI)

March 25 – 27, 2015

MUNICH, Germany

cooperating WGs: I/2, I/4, III/1, III/4, IV/1, VII/2, IC III/VII

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hosted by

IPI - Institut für Photogrammetrie und
GeoInformation, LUH

PF - Photogrammetry and Remote
Sensing, TUM

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- when it has to be right



Goals of the joint ISPRS event

Automated extraction of objects from remotely sensed data is an important topic of research in Computer Vision, Photogrammetry, Remote Sensing, and Geoinformation Science. In order to discuss recent developments and future trends in research in automatic object extraction and their influence on sensors and processing techniques, the two well known ISPRS workshops "Photogrammetric Image Analysis" (PIA) and "High resolution earth imaging for geospatial information" (HRIGI, also known as the ISPRS-Hannover Workshop) will be held as a common event for the first time. The location of the event will be Munich, Germany.

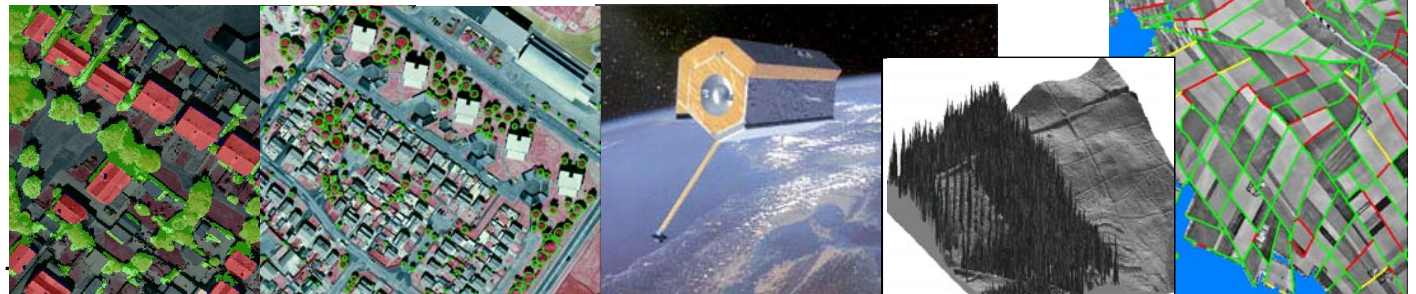
While in the past PIA specialised on the automatic exploitation of the image content, the strongest side of HRIGI was the geometric processing of aerial and in particular of space imagery. Realising that both areas - geometry and semantics - can significantly support each other when considered together in photogrammetric image exploitation, the two events will be organised under a common roof in 2015. At the same time they will keep their identity, as the meeting will be organised as two parallel workshops with common plenary sessions and common proceedings.

The aim of the common event is to seek, exploit and deepen the synergies between geometry and semantics, and to give the two scientific communities the possibility to discuss with and to learn from each other. The joint event addresses experts from research, government, and private industry. It consists of high quality papers, and provides an international forum for discussion of leading research and technological developments as well as applications in the field.

You are encouraged to contribute to the workshop by submitting your latest research and development in the areas of

- Small satellites and satellite constellations for mapping
- Exploitation of high resolution space images
- Unmanned aircraft systems (UAS)
- Sensing technology and unconventional platforms
- High-resolution Synthetic Aperture Radar (SAR) from air and space
- Hyperspectral imaging
- Sensor and system calibration and integration
- Surface modeling and reconstruction
- 3Dd object extraction: buildings, roads, vegetation
- Learning and statistical methods for object extraction
- Sensor and data fusion including information from GIS, BIM, or CAD
- Image analysis for geospatial data update and change detection
- Global landcover and landuse mapping
- Rapid mapping for environmental applications and disaster management

The organizers are proud to announce that Hexagon Geosystems agreed to be the exclusive sponsor of this event. During Thursday afternoon there will be a master class where the processing chain of photogrammetry and remote sensing is illustrated by software demonstrations and real-life examples.



The workshop language is English. Prospective authors are invited to submit a full paper or an extended abstract, formatted according to the ISPRS guidelines, <http://www.isprs.org/documents/orangebook/app5.aspx>.

Full papers will undergo a rigorous double blind review process. Accepted papers will be published in the ISPRS Annals series. Abstracts will also be peer reviewed, upon acceptance authors will be invited to submit a regular paper, which will be published in the Archives series of ISPRS. Note that only papers for which at least one author has paid the registration by February 10, 2015, will be published in the proceedings.

Programme Committee

Chairs:

HRIGI: Christian Heipke (Leibniz Universität Hannover)
PIA: Uwe Stilla (TU München)

Members:

Richard Bamler (DLR)
Yifang Ban (KTH Stockholm)
Xavier Briottet (ONERA)
Ismael Colomina (Institut de Geomatica)
Michele Crosetto (Institut de Geomatica)
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Gunho Sohn (York University)
Jie Shan (Purdue University)
Charles Toth (The Ohio State University)
Jan Dirk Wegner (ETH Zürich)
Wei Yao (University of Applied Sciences, München)

Registration

The fee includes admission to all sessions, conference proceedings, coffee and a social event and is payable in advance.

The registration fee will be
380.00 € if paid by February 10, 2015
450.00 € after February 10, 2015

Students:

190.00 € (copy of B.Sc. or M.Sc. ID required)

Further information is available at

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www.ipi.uni-hannover.de/hrigi15
www.pia15.tum.de

Deadline for full papers (max. 8 pages):
November 30, 2014

Deadline for abstracts (approx. 1000 words):
December 15, 2014

Notification of acceptance:
January 15, 2015

Deadline for camera ready manuscripts:
February 10, 2015

Deadline for early registration:
February 10, 2015

HRIGI15

High-Resolution Earth Imaging for Geospatial Information

<http://www.ipi.uni-hannover.de/hrigi15>

25-27 March 2015
Munich, Germany

Full Paper Deadline: 30 Nov 2014



PIA15

Photogrammetric Image Analysis
25-27 March 2015, Munich, GERMANY
www.pia15.tum.de

Full Paper Deadline: 30 November 2014

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