Announcement and Call for Papers

International Society for Photogrammetry and Remote Sensing

ISPRS Hannover Workshop 2011

High-Resolution Earth Imaging for Geospatial Information

Hannover, Germany
June 14 – 17, 2011

www.ipi.uni-hannover.de/ipi-workshop.html

organised by ISPRS WG I/4, III/4, IV/2, VII/2

supported by ISPRS WG I/2, I/5, IV/3, IC WG IV/VIII and EuroSDR

hosted by IPI

Institute of Photogrammetry und GeoInformation
Leibniz Universität Hannover

sponsored by

Workshop goals

Earth imaging from air and space has undergone major changes over the last years. Examples of new and significant developments comprise a growing use of digital aerial cameras, an increasing number of high-resolution and hyperspectral satellite sensors, of laser scanning and SAR/InSAR. Calibration issues are important for every sensor.
Today, all these data are used for the production of geospatial information. At the same time, updating existing geospatial databases has gained more importance, and automation has had a significant impact on the processing chain.
In addition, the stunning success of virtual globes, e. g. Google Earth or Bing Maps along with developments such as GEO (intergovernmental Group of Earth Observations), GEOSS (Global Earth Observation System of Systems) and GMES (Global Monitoring of Environment and Security) have significantly changed the remote sensing arena in the last few years.

These developments form the background for the ISPRS Hannover Workshop ***High-Resolution Earth Imaging for Geospatial Information 2011***, which you are cordially invited to attend. This meeting is a follow-up workshop of those held in Hannover in previous years.
The single-track workshop addresses experts from research, government, and private industry. It consists of high quality papers, and will provide an international forum for discussion of leading research and technological developments as well as applications in the field.

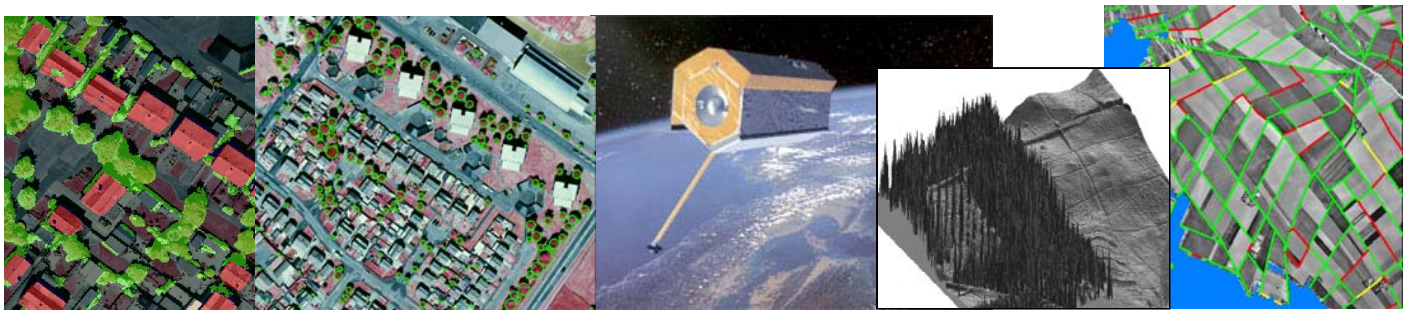
IPI is proud to announce that Intergraph agreed to be the exclusive sponsor of this event. During Thursday afternoon Intergraph will conduct a master class where the processing chain of photogrammetry and remote sensing is illustrated by software demonstrations and real-life examples.

Topics and paper submission

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

- Digital aerial cameras
- Exploitation of high resolution space images
- Potential of small satellites for topographic mapping
- Unmanned aircraft systems (UAS)
- Airborne laser scanning
- Synthetic Aperture Radar (SAR), SAR Interferometry (InSAR), and Persistent Scatterer Interferometry (PSI)
- TerraSAR-X and TandemX
- Hyperspectral imaging
- Sensor and system calibration and integration
- Sensors and methods of DEM generation
- Aerial and satellite image analysis
- Image databases - information retrieval, query and search issues
- GIS driven updating and refinement of geospatial databases
- Virtual globes
- Rapid mapping for environmental applications and disaster management
- From experimental systems for object acquisition and updating to commercial solutions

The workshop language is English. All accepted papers will be published on CD-ROM, available at the meeting, and on the web. We also strive to publish selected papers in a journal after the workshop.



Important dates

Deadline for abstracts (up to 1000 words):
February 1st, 2011

Notification of acceptance:
March 1st, 2011

Deadline for full papers:
April 15th, 2011

Deadline for early registration:
April 15th, 2011

Abstracts should be submitted in electronic form via www.ipi.uni-hannover.de/ipi-workshop.html

ISPRS guidelines for authors are available at www.isprs.org/documents/orangebook/app5.html

Note that only papers for which at least one author has paid the reg. fee by April 15th, 2011 will be published.

Programme Committee

Peggy Agouris (George Mason University)
Costas Armenakis (York Universty Toronto)
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Michael Cramer (Universität Stuttgart)
Michele Crosetto (Institut de Geomatica)
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Pradeep Srivastava (Indian Space Research Organisation)
Charles Toth (The Ohio State University)
Younian Wang (ERDAS, Inc.)

Further information is available at
www.ipi.uni-hannover.de/ipi-workshop.html

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Registration, fees, and accommodation

The registration fee will be
330.00 € if registered and paid by April 15th, 2011
390.00 € after April 15th, 2011

Students:
230.00 € if registered and paid by April 15th, 2011
290.00 € after April 15th, 2011

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

Please register electronically by completing the registration information at www.ipi.uni-hannover.de/ipi-workshop.html. The fee is payable in advance. Unfortunately, credit cards cannot be accepted.

Hotel information is available via the
Hannover Tourismus Service
info@hannover-tourismus.de, www.hannover.de

Workshop site

The workshop will be held at the Leibniz Universität Hannover.

Hannover in Northern Germany, formerly the residence of the Hanoverian Kings of Great Britain, is today the city of trade fairs and the capital of Lower Saxony with a population of 520,000. Being placed in the centre of Europe, it has excellent travel connections by air, road, and rail.

In 2000 Hannover was the location for the first world EXPO held in Germany. Among other attractions, the Royal Gardens of Herrenhausen, interesting and historic sights, as well as unique events, make Hannover the destination of tourists from all over the world.









