

Announcement and Call for Papers



International Society for Photogrammetry and Remote Sensing

ISPRS Istanbul Workshop 2010 WG I/4

Modeling of optical airborne and space borne sensors

Istanbul, Turkey
October 11 – 13, 2010

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

hosted by



Bosporus Engineering Consultancy Services Inc
(BIMTAS), Istanbul, Turkey

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 satellite sensors and laser scanning. Calibration issues are important for every sensor.

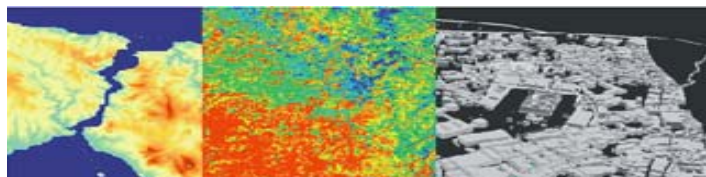
Today, all these data are used for the production of geospatial information. At the same time, updating existing

geospatial databases has gained more importance, and automation has had a significant impact on the processing chain.

In addition, the stunning success of Google Earth and Microsoft Virtual Earth 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) has significantly changed the remote sensing arena in the last few years.

These developments form the background for the ISPRS Istanbul Workshop **Modeling of optical airborne and space borne sensors**, which you are cordially invited to attend. This meeting is concentrated especially to Turkey and Middle East to simplify the technical discussions and information exchange in this area.

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.



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**
- Handling of high resolution space images**
- Potential of small satellites for topographic mapping**
- Geometric/radiometric calibration/evaluation**
- Airborne laser scanning**
- Sensor and system calibration and integration**
- Direct georeferencing**
- Sensors and methods of DEM generation**
- DEM analysis**
- Aerial and satellite image analysis**
- Impact of web-based access to, and use of, remote sensing images (Google Earth, Microsoft Virtual Earth)**

The conference language is English. All accepted papers will be published on CD-ROM, available at the workshop, and on the web.

Important dates

Deadline for abstracts (up to 1000 words):

June 12th, 2010

Notification of acceptance:

July 11th, 2010

Deadline for full papers:

August 15th, 2010

Deadline for early registration:

September 6th, 2010

Abstracts should be submitted in electronic form to

istanbul2010@ipi.uni-hannover.de

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 registration fee by September 6th 2010 will be published in the proceedings.

Programme Committee

Peter Reinartz (DLR)

Gürcan Büyüksalih (IMP-Bimtas)

Daniela Poli (JRC)

Ibrahim Baz (IMP-Bimtas)

Karsten Jacobsen (Leibniz Universität Hannover)

Further information is available at

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

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Registration, fees, and accommodation

The registration fee will be
400 YTL if registered and paid by August 25th, 2010
480 YTL after August 25th, 2010

Students:

200 YTL if registered by August 25th, 2010
240 YTL after August 25th, 2010

The payment with mentioning the name(s) of participant(s) has to be made to following bank account: - this information will follow later

Unfortunately, credit cards cannot be accepted.

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

Please register by email to istanbul2010@ipi.uni-hannover.de.

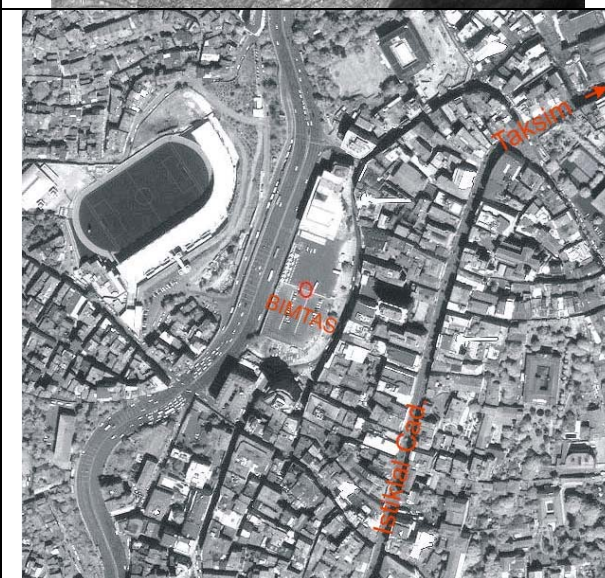
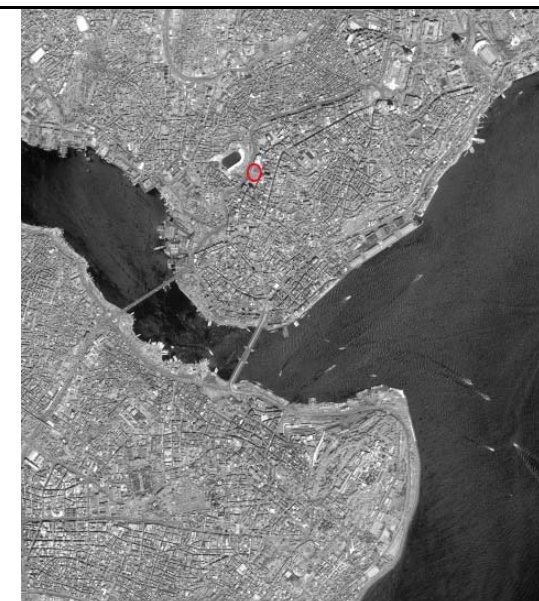
Hotel information is available via Internet

Workshop site

The workshop will be held at IMP-BIMTAS,
Evliya Celebi Mah. Mesryutiyet Cad. Eski Tuyap Binası
No:88, Tepebasi-Beyoglu, Istanbul, Turkey.

41°01'55.5" North, 28°58'27.5" East

(walking distance to Taksim Square)



IKONOS sub-image
With marked workshop location