

## Announcement and Call for Papers



information from imagery

International Society for Photogrammetry and Remote Sensing

### ISA13

#### ISPRS Workshop 'Image Sequence Analysis for Object and Change Detection'

November 11, 2013 – Antalya, Turkey

<http://www.tnt.uni-hannover.de/isprs/isa13/>

#### Organised by :

- ISPRS WG III/3 'Image Sequence Analysis'

#### Supported by :

- ISPRS ICWG I/Vb: Unmanned Vehicle Systems (UVS): Sensors and Applications
- ISPRS WG II/8: Mobility: Tracking, Analysis and Communication
- ISPRS WG III/1: Orientation and Surface Reconstruction

(Others are to be announced)

#### Conference Chairs :

- Clément Mallet (IGN, France)
- Alper Yilmaz (The Ohio State University, USA)
- Yury Vizilter (GosNIIAS, Russia)
- Michael Ying Yang ( Leibniz University of Hanover, Germany)

#### Scope :

This conference is the first ISPRS workshop fully dedicated to image sequence analysis. The aim is to present new methodologies, algorithms and applications related to the processing of image sequences acquired for a large range of topics such as object tracking, ego-motion determination, detection and characterization of dynamic and multi-temporal processes, monocular or stereoscopic mapping of the environment, biomedical motion analysis and detection of changes in land-cover/land-use mapping.

The workshop is held in parallel with the ISPRS *Laserscanning* and *City Modeling* (CMRT) workshops and in conjunction with the ISPRS 2013 joint meeting on '*Serving Society with Geoinformatics*'.

#### Workshop topics :

- Change detection
- Object detection and tracking
- Security/surveillance
- Application of image sequence analysis
- Vision based robot/drone navigation and station keeping

- Obstacle avoidance
- Analysis of publicly available webcam image sequences
- Learning from image sequences, with emphasis on various spatial resolutions and periods of acquisition
- Fusion of sensory information with image sequences
- Collaborative navigation

### **Paper Submission :**

High-quality papers covering one or more of the above topics should be submitted electronically using the conference tool on the conference web site.

Deadline for the submission of full papers is **June 15, 2013**.

The papers should be prepared according to the ISPRS guidelines for preparing manuscripts:

<http://www.isprs.org/documents/orangebook/app5.aspx>

Note that submissions should not exceed 6 pages in length. All papers will be submitted to a double blind peer review process. Notification of acceptance will occur by August 19, 2013.

The proceedings will appear as a Volume of the Annals of Photogrammetry, Remote Sensing and the Spatial Information Sciences. Provided acceptance by the referees, the camera-ready papers have to be submitted in PDF format by August 31. Authors have to be registered by August 31 to warrant publication of their paper in the ISPRS Annals.

### **Preliminary programme committee :**

- Babak Ameri, GEOSYS Technology Solutions, Canada
- Costas Armenakis, York University, Canada
- Somayeh Dodge, The Ohio State University, USA
- Görres Grenzdörffer, Rostock University, Germany
- Clément Mallet, MATIS Laboratory - IGN, France
- Helmut Mayer, Bundeswehr University Munich, Germany
- Monika Sester, Leibniz University of Hanover (LUH), Germany
- Yury Vizilter, State Research Institute of Aviation Systems - GosNIIAS, Russia
- Andreas Wendel, ICG, TU Graz, Austria
- Stephan Winter, The University of Melbourne, Australia
- Michael Ying Yang, Leibniz University of Hanover (LUH), Germany
- Alper Yilmaz, The Ohio State University, USA
- XiaoGuang Zhou, Central South University, China

(Others are to be announced)

### **Important dates :**

- Submission of full papers : June 15, 2013
- Notification of authors : August 19, 2013
- Submission of camera ready manuscripts : August 31, 2013
- Registration of authors : August 31, 2013
- Early registration deadline : September 15, 2013

### **Registration :**

The deadline for early bird registration is **September 15, 2013**. There is a joint registration fee for attending the CMRT'13, Laserscanning, and ISA13 workshops, and a reduced fee for persons who also want to participate in the ISPRS 2013 joint meeting on 'Serving Society with Geoinformatics'.

**Further Information is available at :**

<http://www.tnt.uni-hannover.de/isprs/isa13/index.html>

Please visit also the website of the **ISPRS 2013 joint meeting on 'Serving Society with Geoinformatics'**, for further information about registration, accomodation, and venue.

<http://www.isprs2013-ssg.org>