Second Announcement and Call for Papers

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/

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 focus of the conference is on methodological research.

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

Keynotes

- Dr Thomas Corpetti (University of Rennes, France) : *Recent advances on data assimilation for the analysis of low and very high spatial resolution images.*
- Prof. Konrad Schindler (ETHZ Zürich, Switzerland) : *Multi-people tracking.*

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 30, 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.

Important dates
- Submission of full papers :   June 30, 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:
There will be a joint registration system for both the workshops and the joint meeting on 'Serving Society with Geoinformatics'.

Registration fees		Workshops only: CMRT13 + ISA13 + LS 2013	Joint registration Workshops + SSG
Full Registrant	before Sept. 15, 2013	354 EUR	590 EUR
	after Sept. 15, 2013	472 EUR	708 EUR
Student	before Sept. 15, 2013	236 EUR	354 EUR
	after Sept. 15, 2013	295 EUR	413 EUR

The fees include conference book, conference bag, certificate of attendance, entrance to the stand area and conference area. It is valid for participants who accommodate in the hotel where the conference takes place; a special rate for participants has been negotiated. Participants not accommodating at the conference hotel are subject to an additional organizational fee of 94.40 EUR (Workshops) or 330.40 EUR (Workshops + SSG), respectively.

The social event is not included in these fees. Details are published via the conference web site. Authors must register before August 31 to warrant publication of their paper in the proceedings.

Visit the website of the joint meeting on 'Serving Society with Geoinformatics' for details and for the registration form: http://www.ISPRS2013-SSG.org.

Programme committee
- Babak Ameri, *GEOSYS Technology Solutions, Canada*
- Costas Armenakis, *York University, Canada*
- Francesca Bovolo, *University of Trento, Italy*
- Anil Cheriyadat, *Oak Ridge National Laboratory, USA*
- Alexey Chulichkov, *Lomonosov Moscow State University, Russia*
- Thomas Corpetti, *Université Rennes 2-COSTEL, France*
- Jason Corso, *SUNY at Buffalo, USA*
- Somayeh Dodge, *The Ohio State University, USA*
- Margarita Favorskaya, *Siberian State Aerospace University, Russia*
- Jürgen Gall, *MPI for Intelligent Systems, Germany*

- Valérie Gouet-Brunet, *IGN, France*
- Görres Grenzdörffer, R*ostock University, Germany*
- D.S. Guru, *University of Mysore, India*
- Isabelle Herlin, *INRIA, France*
- Pierre-Marc Jodoin, *University of Sherbrooke, Canada*
- Martin Lauer, *Karlsruhe Institute of Technology (KIT), Germany*
- Vincent Lepetit, *EPFL, Switzerland*
- Clément Mallet, *IGN, France*
- Helmut Mayer, *Bundeswehr University Munich, Germany*
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- Yury Vizilter, *State Research Institute of Aviation Systems - GosNIIAS, Russia*
- Jan Dirk Wegner, *ETH Zurich, Switzerland*
- Andreas Wendel, *Graz University of Technology, Austria*
- Stephan Winter, *The University of Melbourne, Australia*
- Michael Ying Yang, *Leibniz University of Hanover (LUH), Germany*
- Alper Yilmaz, *The Ohio State University, USA*
- Xiao Guang Zhou, C*entral South University, China*

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

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)**

Further Information is available at :

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

Website of the ISPRS Workshop on Laser Scanning 2013:
http://www.cirgeo.unipd.it/laserscanning2013

Website of the ISPRS Workshop on City Models, Roads, and Traffic 2013:
http://www.cmrt13.tum.de/

Website of the ISPRS 2013 joint meeting on 'Serving Society with Geoinformatics' (will host the registration system): http://www.ISPRS2013-SSG.org