ISPRS Workshop LASER SCANNING 2013

First Announcement and Call for Papers

Antalya, Turkey - November 11-13, 2013

www.cirgeo.unipd.it/laserscanning2013

Organised by:
- ISPRS WG V/3:   Terrestrial 3D Imaging and Sensors
- ISPRS WG III/2:   3D Point Cloud Processing
- ISPRS WG I/2:   LIDAR, SAR and Optical Sensors for Airborne and Spaceborne Platforms
- ISPRS WG I/3:   Multi-Platform Multi-Sensor Inter-Calibration
- ISPRS ICWG I/Va: Mobile Scanning and Imaging Systems for 3D Surveying and Mapping
- ISPRS WG V/2:   Cultural Heritage Data Acquisition and Processing
- ISPRS WG VII/7   Synergy in Radar and Lidar

Workshop Chairs:

Marco Scaioni (Tongji University, Shanghai, P.R. China)
Roderik Lindenbergh (Technical University of Delft, The Netherlands)
Sander Oude Elberink (University of Twente, The Netherlands)

Scope:

Laser Scanning 2013 is the latest of a series of eight ISPRS workshops covering various aspects of spaceborne, airborne and mobile laser scanning, and all terrestrial 3D ranging sensors. The workshop would like to bring together experts from different disciplines which are focused on the modeling and application of point cloud data acquired from laser scanners and other active imaging systems, such as range cameras and gaming sensors. All aspects related to sensor calibration and modeling, as well as data processing are involved.

The workshop is held in parallel with the CMRT 2013 (Object Extraction for 3D City Models, Road Databases and Traffic Monitoring - Concepts, Algorithms, and Evaluation') ISPRS workshop and in conjunction with the ISPRS joint meeting on 'Serving Society with Geoinformatics'.

Workshop topics:
- Sensor and system calibration and validation;
- Error and data modeling;
- Point cloud registration and processing;
- Feature extraction and object recognition;
- Full wave-form data analysis;
- Data fusion (LiDAR, RADAR, imagery);
- Mobile terrestrial scanning systems;
- Range imaging and gaming sensors;
- Modeling of anthropogenic and natural areas;
- Engineering and science oriented applications.

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.

The papers should be prepared according to the ISPRS guidelines for preparing manuscripts and should not exceed 6 pages in length (http://www.isprs.org/documents/orangebook/app5.aspx).

All papers will be submitted to a double blind peer review process. Accepted papers will be included in a volume of the ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences.

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

Registration:
The registration fee will be announced soon. There will be a joint registration fee for attending both the Laser Scanning 2013 and the CMRT 2013 workshops, and a reduced fee for persons who also want to participate in the ISPRS 2013 joint meeting on 'Serving Society with Geoinformatics'. There will be a joint registration system for all workshops, that will be made available soon on the website of the joint meeting on 'Serving Society with Geoinformatics'.

Websites:
- Laser Scanning 2013:   www.cirgeo.unipd.it/laserscanning2013
- CMRT13:   www.cmrt13.tum.de
- 'Serving Society with Geoinformatics'
  (will host the registration system):   www.ISPRS2013-SSG.org

Scientific Committee:

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