

Dear Colleagues and Friends,

The ISPRS WGIII/4 committee cordially invite you to submit and present your latest research work at the ISPRS International Workshop on Virtual City Modeling (VCM) 2013 at the University of Regina, Regina, Canada. This is the first Call for Papers for the VCM 2013. The VCM 2013 will be held in conjunction with the 10th Conference on Computer and Robotics (CRV) 2013 on May 28-31, 2013.

### **Workshop Objectives**

The main purpose of organizing this workshop is to gather the latest multidisciplinary research works in virtual city modelling from all of the fields in photogrammetry, remote sensing, computer vision, machine learning, and computer graphics. The cityscape comprises a wide range of natural and man-made objects including street trees, forests, gardens, street furniture, cars, advertisement signs, façade, building rooftops and pedestrians. The automation of visual interpretation of such diverse urban objects and thus the generation of large-scale 3D virtual cityscape models from aerial, space-borne and ground-based sensors has long been a grand challenge of photogrammetry, remote sensing and computer vision is still an active research theme.

The workshop aims to collect the latest research works from all areas of photogrammetry, remote sensing, computer vision and machine learning relevant for or applied to 3D virtual city modeling and for discussing fundamental, operational and translational research in 3D virtual city modeling. For the last few years, the ISPRS WGIII/4 initiated benchmarking tests on various algorithms for 3D virtual city modeling and are currently editing the special issue of ISPRS Journal of Photogrammetry and Remote Sensing in the same research topics to the workshop. The VCM 2013 will provide a great opportunity to discuss the current status of VCM researches & developments and identify new challenging problems.

### **CRV 2013**

The VCM 2013 will be jointly held with 10th Conference on Computer and Robot Vision (CRV 2013), together with two other leading conferences: Artificial Intelligence 2013 and Graphics Interface 2013. It will bring together hundreds of leaders in research, industry and government, as well as Canada's most accomplished students, to showcase Canada's ingenuity, innovation and leadership in intelligent systems and advances information and communication technology. The ISPRS VCM 2013 workshop will provide great opportunities to meet many outstanding researchers in multidisciplinary fields of computer vision, artificial intelligence and computer graphics, whose research interests are in similar areas to the ones in photogrammetry and remote sensing.

### **Important Dates**

Deadline for full paper submission:	February 24, 2013
Notification of acceptance by:	April 5, 2013
Deadline for final full paper submission by:	April 22, 2013
Deadline for early registration:	April 28, 2013

## Workshop Information

More detailed information on this workshop can be found on following websites and SNS:

- \* VCM Workshop Website<<http://www.geoict.yorku.ca/vcm2013>>
- \* Linkein VCM Group<[http://www.linkedin.com/groups/VCM-2013-ISPRS-Workshop-on-4757019?gid=4757019&trk=hb\\_side\\_g](http://www.linkedin.com/groups/VCM-2013-ISPRS-Workshop-on-4757019?gid=4757019&trk=hb_side_g)>
- \* Facebook VCM 2013 <<https://www.facebook.com/events/473730139335537/>>
- \* CRV 2013 <<http://www.computerrobotvision.org/>>

You are encouraged to contribute to the workshop by submitting your latest research and development to the workshop. We hope to see your presentations and meet you in person at the VCM 2013 workshop in Regina on May 28, 2013.

Sincerely,

Dr. Gunho Sohn

On behalf of the VCM 2013 Workshop Organizing Committee & the ISPRS WGIII/4 Committee

Dr. Franz Rottensteiner, Leibniz Universitat Hannover  
Dr. Gunho Sohn, York University  
Dr. Markus Gerke, University of Twente  
Dr. Jan Dirk Wegner, ETH Zurich