Report on the First International Conference on Computer Vision in Remote Sensing (CVRS2012)

The First International Conference on Computer Vision in Remote Sensing (CVRS2012, http://cvrs2012.xmu.edu.cn/) was held at Keli Conference Building in Xiamen University, Xiamen, China, from December 16 to 18, 2012. The CVRS 2012 was jointly organized by Xiamen University (Centre of Excellence in Remote Sensing and Spatial Informatics, http://rssi.xmu.edu.cn/index-en.html), National University of Defense Technology, ISPRS ICWG I/Va on Mobile Scanning and Imaging Systems and WG I/3 on Multi-Platform Multi-Sensor System Calibration. The officers of these two ISPRS working groups served as the Conference Chair (Prof. Dr. Jonathan Li, Chair of ICWG I/Va, University of Waterloo), Conference Co-Chair (Prof. Dr. Cheng Wang, Co-Chair of WG I/3, Xiamen University), Co-Chair of the Scientific Committee (Prof. Dr. Hyman Habib, Chair of WG I/3, University of Calgary). More than 10 members from these two ISPRS working groups served on the Scientific Committee.

The event was jointly sponsored by International Society for Photogrammetry and Remote Sensing (ISPRS), IEEE Geoscience and Remote Sensing Society (GRSS), International Cartographic Association (ICA), International Federation of Surveyors (FIG) and the National Foundation of Nature Science Foundation of China (NSFC).

Photo 1. Participants who attended the opening session of CVRS 2012.

During the Opening Session, welcome addresses were given by Prof. Jun Chen, ISPRS President, Prof. Dr. Zhaowen Zhuang, the CVRS 2012 Conference Co-Chair and VP of the National University of Defense Technology, and Prof. Zubing He, Associate VP of Xiamen University, respectively. During this three-day conference, Professor Dr. Wolfgang Förstner (ISPRS Fellow) from Bonn University, Germany, Professor Dr. Jocelyn Chanussot (IEEE Fellow, Editor-in-Chief of the IEEE Journal of Selected Topics in Applied Earth Observation and Remote Sensing) from Grenoble Institute of Technology, France, Professor Dr. Naser El-Sheimy (Canada Research Chair in Mobile

Multi-sensor Systems) from the University of Calgary, Canada, former President of the ISPRS Technical Commission I (2008-2012) and Professor Dr. Rongxing Li from the Ohio State University, USA delivered their keynote speeches.

Photo 2. From left to right: Prof. Dr. Hanzi Wang (Chair of the CVRS 2012 Scientific Committee, Xiamen University), Prof. Cheng Wang (Co-Chair of the CVRS 2012 Conference), Prof. Dr. Ronxing Li (Keynote Speaker, Ohio State University), Prof. Dr. Naser El-Sheimy (Keynote Speaker, University of Calgary), Prof. Dr. Wolfgang Förstner (Keynote Speaker, Bonn University) and Prof. Dr. Hyman Habib (Co-Chair of the CVRS 2012 Scientific Committee, University of Calgary).

Over 140 technical papers were submitted to the CVRS 2012. All the papers were peer reviewed by at least two committee members. About 70 authors from 12 countries attended the conference and gave their oral presentations at the 12 technical sessions. A total of 74 papers were finally accepted and included in the CVRS 2012 proceedings, which has been published by IEEE eXpress Conference Publishing with ISBN 978-1-4673-1274-5, and is now accessible at IEEE Xplore and indexed by the EI. One recipient for the Best Student Paper Award and two recipients for the Best Student Paper Honorable Mention received their certificates during the closing session. The next CVRS 2014 event will be held in Guiyan, China, May 17-18, 2014, jointly organized by Guizhou Normal University (http://e.gznu.edu.cn/), Xiamen University, ISPRS working groups of ICWG I/Va and I/3, jointly sponsored by IEEE, ISPRS, ICA and FIG.

(Prof. Jonathan Li, Chair of ICWG I/Va and
Dr. Chenglu Wen, Scientific Secretary of WG I/3)