

Preface

Image sequence analysis is an important topic of research in Photogrammetry, Remote Sensing, Computer Vision, and Robot Vision. This conference organized by the ISPRS working group III/3, which is held at La Grande Motte, France, is the second ISPRS workshop completely dedicated to image sequence analysis. The aim of the workshop is to discuss new methodologies, algorithms and applications related to the processing of image sequences acquired for providing solutions to a large range of topics such as object tracking, ego-motion estimation, monocular or stereoscopic mapping of the environment and detection of changes in land-cover/land-use mapping. The focus of the workshop lay on methodological research. It is held in conjunction with the newly established ISPRS Geospatial Week 2015 that accompanies eight other ISPRS and non ISPRS workshops.

The workshop addresses researchers and practitioners from universities, research institutes, industry, government organizations, and private companies. The range of topics covered by the workshop is reflected by the terms of reference of ISPRS working group III/3 on *Image Sequence Analysis*. For the period 2012-2016, WG III/3 aims to promote the development of three main resolutions made in ISPRS Congress in Melbourne 2012: (1) Link with other communities such as computer vision and robotics; (2) Tackle the “Big Data” issue; (3) Work on data fusion such as fusion of Lidar and images. ISA workshops go along with IEEE/ISPRS workshops on Multi-Sensor Fusion for Dynamic Scene Understanding, that were and will be organized by ISPRS WG III/3 during Computer Vision venues, namely at CVPR'14, CVPR'15 and ICCV'15.

Prospective authors were invited to submit full papers of a maximum length of 8 pages. We have received 12 full papers for review. The submitted papers were subject to a rigorous double blind peer review process of full papers. Based on the reviews, 9 papers were accepted for publication. This corresponds to an acceptance rate of 75%. Each paper was reviewed at least by two members of the scientific committee. Most of them received three reviews and even four for some of them. The accepted papers were published as volume II-3/W5 of the ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial information science. Best accepted papers could be presented orally in a single track conference consisting of two oral sessions. The remaining papers were presented during a joint poster session with ISPRS CMRT, GeoVIS and GeoBigData workshops. In addition, the programme of ISA15 featured two keynotes by Prof. Devis Tuia from the University of Zurich, Switzerland (in a shared session with CMRT and Gi4DM conference), and Prof. Alper Yilmaz from Ohio State University, USA.

Finally, the editors wish to thank all contributing authors and the members of the Program Committee. In addition, we like to express our thanks to the ISPRS Geospatial Week without whom this event could not have taken place. We hope such event will continue in the period 2016-2020 and that the new ISPRS commission structure will allow even more cross-fertilization.

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Alper Yilmaz, Clément Mallet, Michael Ying Yang, Yury Vizilter,

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