

Report on Joint ISPRS WG IV/7 and WG V/4 Workshop “Indoor-outdoor seamless modelling, mapping and navigation”

21-22 May 2015, Tokyo, Japan

by Takashi Fuse, University of Tokyo, Japan

The Joint ISPRS WG IV/7 and WG V/4 Workshop was held in Tokyo (Japan) from May 21st to 22nd. Requirements for seamless modelling between indoor and outdoor environment related to BIM (Building Information Modeling) are increasing. BIM is a topic where 3D surveying and modeling techniques play a fundamental role. Additionally, the terms of reference of WG V/4 include "Seek co-operation and involvement in the BIM domain (in collaboration with WG IV/7)". Accordingly the topic of the workshop mainly focused on BIM, including BIM for infrastructure – also called CIM (Construction Information Modeling) and covered a wide variety of applications.

The workshop featured 82 participants from 12 countries with 42 papers, which were published in the ISPRS Archives (<http://www.int-arch-photogramm-remote-sens-spatial-inf-sci.net/XL-4-W5/index.html>).

There were an opening session, 7 oral sessions, a poster sessions and a company exhibition. The event was supported and sponsored by JSPRS and ARIDA (Japanese Association for Real-time Imaging and Dynamic Analysis). The opening session included 2 keynote speeches. The keynote speakers were Prof. Nobuyoshi Yabuki (Osaka University) and Prof. Sisi Zlatanova (Delft University of Technology). These covered the latest hot topics of BIM and indoor modelling. The technical sessions covered research topics like BIM, indoor LBS, image-based modelling, wearable sensors and point cloud processing.

The workshop was an overall successful with many contributions and a large international attendance also outside the ISPRS community. The WG IV/7 and V/4 will continue their positive and jointly actions with future events.



