



Symposium Website: www.mmt2015.org

About the MMT2015

The 9th International Symposium on Mobile Mapping Technology (**MMT2015**) will be hosted by the School of Civil and Environmental Engineering, UNSW Australia, in the beautiful harbourside city of Sydney, Australia, from Wednesday the 9th to Friday the 11th December 2015.

The MMT2015 will be an open forum to discuss the most recent technologies and their applications, to exchange experiences and to promote future research aiming at technological advancement and improved professional practice in the fields related to mobile mapping.

The Symposium will feature the keynote speakers, oral and interactive poster sessions, industry panel discussions, technical case studies, pre-Symposium workshops and a trade exhibition, as well as a variety of entertaining social events. See more details on MMT2015 at the website: www.mmt2015.org

Call for Abstracts/Papers for the Special Session on Structural Health Monitoring and Maintenance

Mobile mapping sensors, such as GPS/GNSS, Laser scanning, vision and inertial sensors, ground and penetrating radar (GPR), etc., have been increasingly used as non-destructive technology (NDT) for use in modern structural health monitoring (SHM) and maintenance. This special session is dedicated towards the various technological developments for structural health monitoring and maintenance applications. Topics of Interest include (not limited to):

- Laser scanning and image analysis for infrastructural inspections
- UAV/UAS applications in SHM
- Building information modelling (BIM) for SHM
- Deformation monitoring for infrastructures (dams, bridges etc.)
- Imaging ladar and LiDAR for 3D Surveying of civil infrastructure
- Detectability of SHM Schemes and Analysis
- Wireless sensor network for structural monitoring
- 3D reconstructions (with Lidar, photogrammetric and BIM etc.) for structural assessment
- Structural monitoring for smart city infrastructure
- Smart phones for mobile SHM
- Geotechnical structural monitoring with radar interferometry

Chair of the Special Session

Prof. Brian Uy, UNSW Australia, Australia, USA. (Email: b.uy@unsw.edu.au)

How to Submit

The abstracts for the Special Session on SHM and maintenance must be submitted using the official abstract (with the headline marked as SHM and Maintenance Session) web form via **EasyChair** at <https://easychair.org/conferences/?conf=mmt2015>

Deadlines for Submissions to This Special Session

- Symposium abstracts: 16th August 2015 (Notification of acceptance: 26th August 2015)
- Full papers to be peer-reviewed: 6th October 2015