The 10th International Conference on Mobile Mapping Technology
Mobile Mapping For Sustainable Development
6-8 May 2017, Conrad Cairo Hotel, Cairo, Egypt

MMT2017, CAIRO - EGYPT

Mobile Mapping For Sustainable Development

Call for Papers:

The Arab Academy for Science, Technology, and Maritime Transport (AASTMT), Egypt, is honored to host the 10th International conference on Mobile Mapping Technology (MMT2017), from May 6-8, 2016. The conference will be held at the Marriott Cairo Hotel, on magnificent river Nile. The conference will highlight recent and significant advances in research and development in Mobile Mapping Technology. The conference will also provides a platform for international scholars, graduate students, future scientists and industrial sectors to learn exchange knowledge and experiences of applying up-to-date mobile mapping technologies for sustainable development. Thanks to the advancement of direct-geo-referencing and sensor technologies, mobile mapping has become a versatile technology applied for fast geospatial data acquisition and mega engineering projects. The growing market penetration of mobile mapping, satellite imaging and web GIS has created great research and business opportunities to the geospatial communities to develop new technologies for smart cities and better quality of life for people around the world.

The MMT2017 Conference Tracks:

A. Navigation, Sensors and Positioning:
Personal and Pedestrian Navigation, Satellite Positioning, Indoor/Outdoor Positioning, Under-water Industry, Smartphones for Positioning, Mapping and Navigation, Simultaneous Localization and Mapping (SLAM), Inertial Sensors and Error Modeling, Sensor Integration, Precise GPS Navigation Systems

B. Mobile Mapping Applications
Mobile Mapping for Modern Cadastral Systems, Mobile Mapping for Local city council land and environmental managements, Mobile Mapping for Geographic Information System (GIS), Mobile Mapping for Building-Information Models (BIMs), 3D Mobile Mapping and GIS Integration, LIDAR and SAR Mapping Systems, Infrastructure Engineering, Intelligent Transportation Systems (ITS), Autonomous Driving; Mining Operations, Rapid Disaster Relief and Monitoring Applications, Subsurface Utility Mapping; 3D Landscape and City Modeling, Reality-Based 3D maps, Location-Based Services (LBS), Data Fusion of multi-platform Mobile Mapping Technology.

C. Digital Imaging and Remote Sensing Systems
UAV/UAS Photogrammetric Mapping, Remote Sensing and Spectral Imaging, Image Sequence Analysis, Automatics Feature Extraction, Data fusion of land and airborne imagery, Data fusion of TLS and LiDAR, Image Coding & Processing

D. Smart Collaborative Platforms and Logistics
Design, Modeling and Simultaneous Collaborative Applications, Smart Business, AI and Decision Support Systems, Surveillance, Defence and Industrial Applications, Real-Time Information Sharing and Interaction, Internet of Things (IoT), Sensors for smart cities

E. Big Data and Risk Management
Big Data Analytics for Egypt E-government, Locations sensors for Security applications, Location Systems for Public Safety & Emergency Response, UAV for Environment & disaster monitoring applications, Business Analytics & Location Intelligence, Rapid Disaster Relief, Monitoring Applications with Mobile Mapping, Large Datasets: Management, Query and Transmission.

Important Dates:

Extended Abstracts for oral presentation:	**October 1, 2016.**
Invitation of papers based on abstract: review	**December 15, 2016**
Final submission of papers:	**March 1, 2017**
Final program:	**April 10, 2017**
Workshops:	**May 5, 2017**
MMT 2017 Conference	**May 6-8, 2017**

Venue

CONRAD CAIRO HOTEL, EGYPT

Committees

Honor Chairs: Prof. Ismail Abdel Ghafar Ismail Farag (AASTMT President)

Organizing Committee: Prof. Dr. Nasser El-Sheimy (Canada) (Chair), Prof. Dr. Mohamed Youssef (AASTMT), Prof. Dr. Khalid Shehata, Prof. Dr. Yasser ElSonbaty, Prof. Dr. Sherin Youssef, Dr. Omnia Darwish. **Scientific Committee:** Prof. Dr. Gamal Selim (AASTMT) (**Chair**), Prof. Dr. Ayman Habib (Purdue university, USA) (**Chair**), Prof. Dr. Attala Hashad (AASTMT), Prof. Dr. Allaa Abd ElBary (AASTMT), Prof. Dr. Amr Ali (AASTMT), Prof. Dr. Sherin Youssef (AASTMT),Prof. Dr. Mohamed E. Khedr (AASTMT), Prof. Dr. Adel Belal (AASTMT), Prof. Dr. Abdel Monem Sanad (AASTMT), Dr. Saleh Mosbah (AASTMT).

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Technical Sponsors

isprs — International Society for Photogrammetry and Remote Sensing

IAG — International Association of Geodesy

FIG — International Federation of Surveyors

ICA ACI — International Cartographic Association

Contacts

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