



FIG Working Week 2005 and GSDI-8
"From Pharaohs to Geoinformatics"

Workshop on Digital Mobile Mapping Systems

**Semiramis, Intercontinental, Cairo, Egypt,
Isis Room, Saturday, 16 April 2005 from 16:00 to 18:30**

Sponsored by:



Scope

The half day tutorial will provide an introduction to digital mobile mapping (DMM) systems. DMM which integrates digital sensors (digital cameras, hyperspectral scanners, LIDAR, IfSAR, etc.) with direct georeferencing technologies has developed rapidly over the past fifteen years. What used to be a topic of academic study has become a commercially viable industry. The goal of this tutorial is to provide the audience a comprehensive overview of Mobile Mapping Systems, their components and application in GIS, mapping, and disaster monitoring applications. The material introduced in the tutorial will be emphasized by real-life examples of DMM Systems in land, air, and underground systems.

Intended Audience

The tutorial is aimed at practitioners, engineer, researchers and managers who are new to the field of mobile mapping. The material will be presented in such a way that requires minimal technical background.

Convenir

Dr. Naser El-Sheimy, PEng, CRC
Canada Research Chair in Mobile Multi-sensor Geomatics systems
Chair, the ISPRS IC WG I/V on "Integrated Mobile Mapping Systems"
Chair, the FIG C.53 WG "Integrated Positioning, Navigation and Mapping Systems"
Vice Chair, the IAG WG SC4.1 "Mobile Multi-Sensor Systems"
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Programme

Dr. **Naser El-Sheimy**, The University of Calgary: Introduction to the Workshop

Dr. **Naser El-Sheimy**, The University of Calgary: VISAT – A Digital Mobile Mapping System for Highway Mapping and GIS Applications

Mr. **Hugh MacKay**, Intermap Technologies Corporation: High Accuracy, High Resolution Digital Terrain Information from Airborne Interferometric Radar

Dr. **Mohamed Mustafa**, Applanix Corporation: The Applanix DSS “Digital Sensor System” Airborne Mapping System

Registration

This workshop is part of the FIG/GSDI Conference. This workshop is open to all conference participants. To attend this workshop you have to be registered either to the whole conference or for the day of this workshop. You can register online at the conference web site www.fig.net/cairo . There is no additional fee to attend this workshop but you need to pre-register when registering to the conference. Lunch and coffees are included in the registration.