

Commission 6

Engineering Surveys

Ivo Milev



FIG Working Week 2016

CHRISTCHURCH, NEW ZEALAND 2-6 MAY 2016

Recovery

from disaster

Organised by



Platinum Partners



Diamond Partner





Commission 6- Overview

- Implementation of innovative technologies and modernization of the engineering surveys processes of data acquisition, processing, interpretation and quality control but also the epoch by epoch data management and analysis of the engineering object condition changes as important part of the maintenance and emergency situation alert.
- Development and implementation of calculation algorithms for optimization of the surveying data pre-and post-processing.



Commission 6- Working Groups

- WG 6.1 Deformation Monitoring and Analysis
(Prof. Dr. Wolfgang Niemeier)
- WG 6.2 Engineering surveys for design, constructive works and exploitation of buildings and transportation infrastructure
(Joel van Cranenbroeck)
- WG 6.3 Sensor fusion, data acquisition and processing techniques for moving measuring complexes
(Prof. Vladimir A. Seredovich)
- WG 6.4 Wide Area Engineering Surveys for Monitoring, Features Determination and Environmental Management
(Rémy Boudon)



Commission 6- Outreach 2015/2016

- 30 March – 01 April 2016, Vienna Austria



“Joint International Symposium on Deformation Measurements” (JISDM) in cooperation with IAG commission 4 “Positioning and Application “

- More than 82 presenters, where

Country	Germany	Austria	Switzerland	Italy	Greece	United Kingdom	Netherlands	Spain	Finland	Poland	Others
Presenters	26	9	9	7	6	5	4	3	2	2	9

- 20-22 April 2016 Interexpo GEO-Siberia-2016



Commission 6- Upcoming 2016/2017

- **20-22 May 2016, Varaždin , Croatia**

Croatian Geodetic Society, in co-operation with the Faculty of Geodesy University of Zagreb, organizes the *SIG 2016 - International Symposium on Engineering Geodesy*

- **1- 3 Aril 2017, Wuhan, China**

Symposium for railway design and infrastructure management, in cooperation with Wuhan Railway design institute and Wuhan University

- **2017 , Workshop (in planning)**

Surroundings modeling and collision prevention for intelligent traffic systems

