Commission 6

Engineering Surveys

Ivo Milev



FIG Working Week 2016

CHRISTCHURCH, NEW ZEALAND 2-6 MAY 2016

Recovery

from disaster

Organised by



Platinum Partners





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Land Information New Zealand Toitū te whenua



from disaster

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.



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Commission 6- Working Groups

- WG 6.1 Deformation Monitoring and Analysis (Prof. Dr. Wolfgang Niemeier)
- WG 6.2 Eengineering 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)



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Commission 6- Outreach 2015/2016

• 30 March – 01 April 2016, Vienna Austria

JISDM 2016

"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



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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 ٠

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



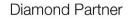


2017, Workshop (in planning)

Surroundings modeling and collision prevention for intelligent traffic systems



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