

Organising committee

1. Assist. Prof. Milan Rezo, president, University of Zagreb, Faculty of Geotechnical Engineering
2. Prof. Emeritus Zdravko Kapović, University of Zagreb, Faculty of Geodesy
3. Prof. Damir Medak, University of Zagreb, Faculty of Geodesy
4. Dr. Marko Pavasović, University of Zagreb, Faculty of Geodesy
5. Dr. Danijel Šugar, University of Zagreb, Faculty of Geodesy
6. Assist. Prof. Mladen Zrinjski, University of Zagreb, Faculty of Geodesy
7. MSc. Marija Brajković
8. MSc. Vladimir Jakopec

Preliminary programme of the symposium

Friday, 20th May 2016

12:00-15:00	Registration
15:00-16:00	Opening ceremony and Plenary
16:00-17:30	Invited lectures
17:30-18:00	Coffee Break
18:00-19:30	Invited lectures
Evening	Icebreaker Party

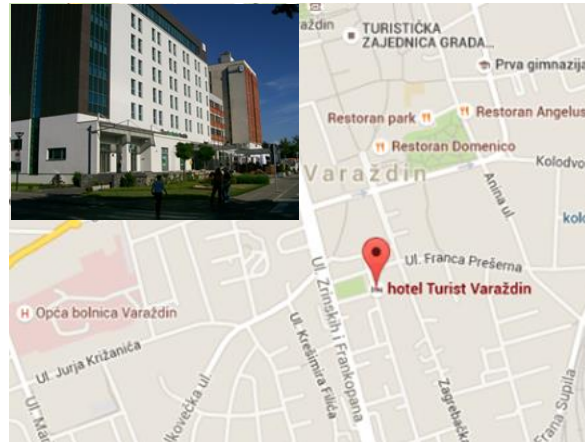
Saturday, 21st May 2016

08:30-10:00	Session 1
10:00-10:30	Coffee Break
10:30-12:00	Session 2
12:00-12:30	Marking the 250 th anniversary of measuring the meridian arc from Brno via Vienna to Varaždin
12:30-14:00	Lunch Break
14:00-15:30	Session 3
15:30-16:00	Coffee Break
16:00-17:30	Session 4
17:30-18:00	Plenary and Closing Ceremony
Evening	Gala dinner

Sunday, 22nd May 2016

09:00-14:00	Professional visit to the hydropower plant, Lunch
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Venue: Hotel Turist, Aleja kralja Zvonimira 1, 42 000 Varaždin, Croatia.



Hotel Turist was established in 1964 and modelled on old "Grand Hotels" of Varaždin. The tradition of successful hotel trade, constant high-quality services, capacity of accommodation and conference halls and its location made this hotel the centre of north-western Croatia. As the perfect rest and relaxation destination, the hotel offers 46/1 rooms, 58/2 rooms and 5 apartments – 174 beds in total. The rooms have been categorised as superior and standard class; both fulfil the needs of all guests. Hotel Turist is well known as the conference centre of the continental Croatia. Eight multi-functional conference halls/rooms of various sizes/capacities and room arrangements are at disposal; they seat 10 to 500 persons.

Registration fee

- 1.000,00 HR kn + VAT 25%
- 500,00 HR kn + VAT 25% (students)
- 200,00 HR kn gala dinner

Croatian Geodetic Society bank account

- HR172360000-1101433512 (ZABA)

Description of payment

- SIG 2016 / Given name and Family name



**Croatian Geodetic Society,
Faculty of Geodesy of the
University of Zagreb**

SIG 2016 Symposium on Engineering Geodesy

<http://www.hgd1952.hr/>

**20th–22nd May 2016
Varaždin, Croatia**

Croatian Geodetic Society, in cooperation with the **Faculty of Geodesy University of Zagreb**, organizes the **SIG 2016 – Symposium on Engineering Geodesy**, which will be held in Varaždin, Croatia from 20th to 22nd May 2016. The Symposium, which is traditionally held every four years, aims to present the latest domestic and international scientific and professional achievements in the field of engineering geodesy.

Symposium topics

The topics of submitted papers have to be related to the overall objective of this symposium, i.e. they should cover a wide variety of scientific aspects and applications regarding the engineering geodesy for construction and industry, new technologies in engineering geodesy and deformation monitoring of natural objects and man-made structures. The individual presentations may be focused on pure theory, on practical aspects or both. In particular the following topics for methods, sensors and applications are considered relevant for this symposium:

- Deformation monitoring of natural objects and man-made structures, their analysis and interpretation, Time series analysis for deformation studies, Static and dynamic modelling of deformations, Interdisciplinary approaches for monitoring natural and man-made structures
- Geodetic networks for special purposes
- Engineering geodesy for construction works, industry and research
- Actual tasks of engineering geodesy in praxis
- GNSS and Indoor navigation
- New technologies in engineering geodesy and multi-sensor systems, photogrammetry and laser scanning, Application of RTS with integrated CCD sensors, Accelerometers and Ground Based-Radar Interferometry application, UAVs application
- Metrology, Testing and calibration, Data quality control
- Environmental geoengineering, Land consolidation

Important dates

- 24th January 2016 – Abstract submission deadline
- 31st January 2016 – Notification on paper acceptance
- 15th March 2016 – Submission of full paper
- 10th April 2016 – Deadline for reviewers
- 25th April 2016 – Submission deadline for revised papers

The abstract of the papers (max: 250 words) should be submitted to e-mail: rpaar@geof.hr. The papers can be written in Croatian or English language. All papers will go under peer review process.

The official languages of the symposium: Croatian/English. Simultaneous translation is ensured.

Invited lectures

1. *Prof. Dr. Thomas Wunderlich*: "Getting to the point: the engineering geodesist's role in an interdisciplinary team of experts", Technische Universität München, Faculty of Civil, Geo and Environmental Engineering, Germany
2. *Dr. Peter Kyrinovič / Dr. Jan Erdélyi*: "New trends in engineering geodesy – Bridge Monitoring Using TLS, Accelerometers and Ground Based-Radar Interferometry", Slovak University of Technology in Bratislava, Faculty of Civil Engineering, Slovakia
3. *Prof. Emeritus Dr. Zdravko Kapović*: "The history of engineering geodesy in Croatia", University of Zagreb, Faculty of Geodesy, Croatia
4. *Assoc. Prof. Dr. Boštjan Kovačić*: "Monitoring of displacements and deformations of geologically hazardous areas", University of Maribor, Faculty of Civil Engineering, Slovenia
5. *Assist. Prof. Dr. Branko Milovanović*: "Designing the control networks for hydro technical objects for the purpose of geodetic monitoring", University of Belgrade, Faculty of Civil Engineering, Serbia

Scientific committee

1. *Assist. Prof. Rinaldo Paar*, president, University of Zagreb, Faculty of Geodesy
2. Prof. Tomislav Bašić, University of Zagreb, Faculty of Geodesy
3. Prof. Branko Božić, University of Belgrade, Faculty of Civil Engineering
4. Assoc. Prof. Vlado Cetl, University of Zagreb, Faculty of Geodesy
5. Assist. Prof. Almin Đapo, University of Zagreb, Faculty of Geodesy
6. Dr. Jan Erdelyi, Slovak University of Technology in Bratislava, Faculty of Civil Engineering
7. Assoc. Prof. Boštjan Kovačić, University of Maribor, Faculty of Civil Engineering
8. Dr. Peter Kyrinovič, Slovak University of Technology in Bratislava, Faculty of Civil Engineering
9. Assoc. Prof. Anka Lisec, University of Ljubljana, Faculty of Civil and Geodetic Engineering
10. Assist. Prof. Ante Marendić, University of Zagreb, Faculty of Geodesy
11. Prof. Siniša Mastelić-Ivić, University of Zagreb, Faculty of Geodesy
12. Prof. Damir Medak, University of Zagreb, Faculty of Geodesy
13. Assist. Prof. Branko Milovanović, University of Belgrade, Faculty of Civil Engineering
14. Prof. Gorana Novaković, University of Zagreb, Faculty of Geodesy
15. Assist. Prof. Milan Rezo, University of Zagreb, Faculty of Geotechnical Engineering
16. Prof. Thomas Wunderlich, Technische Universität München, Faculty of Civil, Geo and Environmental Engineering
17. Assist. Prof. Mladen Zrinjski, University of Zagreb, Faculty of Geodesy