



**THE 5th INTERNATIONAL CONFERENCE
ON ENGINEERING SURVEYING – INGENEO 2011**
22 – 24 September, 2011
Brijuni, CROATIA

INVITATION:

The 5th International Conference on Engineering Surveying INGENEO 2011 held in September 22 - 24, 2011 in Island Brijuni in Croatia. The Event is organized in co-operation of FIG Commission 6, Faculty of Civil Engineering, Slovak University of Technology and the Faculty of Geodesy, University of Zagreb.

ORGANIZED BY:

Slovak University of Technology in Bratislava
Faculty of Civil Engineering, Department of Surveying
and
University of Zagreb
Faculty of Geodesy, Institute of Applied Geodesy

HISTORY:

INGENEO2011 is the 5th event in the series of engineering surveying conferences organized by the Department of Surveying at the Slovak University of Technology in Bratislava. This conference is for the fifth time organized as the FIG Regional Event with really close cooperation and supporting of FIG Commissions 6 and 5. INGENEO 2011 covers the main topics of these commissions and their WG's. Resulting the outcomes of the last conference in Bratislava, was decided to organize the next conference in another country to underline the cooperation inside the Central and Eastern Europe Region. The organizers have the island Brijuni in Croatia as the new place for the future event chosen, with support of the Faculty of Geodesy the University of Zagreb.

- 1st INTERNATIONAL CONFERENCE ON ENGINEERING SURVEYING - INGENEO 1998
Bratislava, Slovakia, October, 21-23, 1998
- 2nd INTERNATIONAL CONFERENCE ON ENGINEERING SURVEYING - INGENEO 2002
Bratislava, Slovakia, November, 11-13, 2002
- 3rd INTERNATIONAL CONFERENCE ON ENGINEERING SURVEYING - INGENEO 2004
Bratislava, Slovakia, November, 11-13, 2004
- 4th INTERNATIONAL CONFERENCE ON ENGINEERING SURVEYING - INGENEO 2008
Bratislava, Slovakia, October, 23-24, 2008

CONFERENCE TOPICS:

New methods and tools to support the effective data collection were developed in the last ten years worldwide. Many of producers are coming with new technology at market, which determined the revolutionary evolution of methodology. The questions of effective application and usage of new technology, their reliability and operability must be discussed actually. The quality of these instruments and data processing software is the second but very important question too. The aim of the conference is to bring together professionals in the field of engineering surveying and facility management, to discuss the new technologies, their applicability and operability. The conference discussion will be focused on present-day questions of laser scanning, usage of laser scanners in industry surrounding, for measurement of dynamic deformations, data acquisition and processing.



The topics of the conference are the following:

- actual tasks of engineering surveying,
- trends in methodology and technology development,
- engineering surveying procedures for industry (power plants, nuclear facilities, etc.),
- industrial metrology in production, assembling and finishing processes in-situ calibration of used technology,
- lasers and laser measurement systems, with special emphasis on terrestrial laser scanning,
- new technology for deformation measurement,
- data integration in facility management,
- local information systems for cities and industrial applications,
- permanent GNSS networks, application in industry projects,
- GNSS usage in cadastre.

The conference programme is consisting of the plenary session and of discussions in special sections. Discussions in each section will be organized such as to avoid time overlaps in their programme

OTHER ACTIVITIES OF THE CONFERENCE

Parallel with the conference programme *INGEO 2011* will be organized the sessions of the *FIG Commission 6 WG's for Engineering Surveying*.

The social and cultural programme of the conference will include the icebreaker party and sightseeing of the historical part of the island *Brijuni*.

EXHIBITION

The programme of the conference will be completed by an exhibition of measuring and computer techniques and software products developed for engineering-surveying activities, monitoring of building constructions and automated measuring systems. The organizing committee expects the participation of enterprises that are active in the hardware and software market as well as in the area of design and realization of measuring systems. For exhibitors booths of standard size will be available.

CONFERENCE SECRETARY

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LOCAL ORGANIZING BOARD

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