

Lisbon

Lisbon, the capital of Portugal, is a charming city known for the perfect unity of the historical past and the present, the unique light, its seven hills, the Tagus River, the typical narrow streets of the old Districts, the traces of the Discovery times, the modern buildings and, last but not least, its food and night life.

History

With a history going back to 1998, the INGEO conference series has been an important event on engineering surveying. Organized by the Department of Surveying of the Slovak University of Technology, in Bratislava, with close cooperation and support from FIG Commission 6, INGEO covers the main topics of this commission and its Working Groups.

INGEO2017, the 7th event in the series, is held in Lisbon, Portugal. To promote networking among Surveyors and Civil Engineers, the Portuguese National Laboratory for Civil Engineering (LNEC) has joined the organization of this 7th event, which is hosted at LNEC *campus*.

LNEC, established in 1946, is a Portuguese public research institution, devoted to science and technology. LNEC works in all the main fields of civil engineering and related scientific areas, giving it a unique multidisciplinary perspective. The scope of LNEC's activity includes public works, infrastructures, housing and urban planning, hydraulics and water resources, transportation, environment, construction materials and other products.



LNEC main building

Distribution of the 2nd announcement

Information concerning the preliminary conference programme will be given in the 2nd announcement, to be distributed in March 2017. Continuous update of the conference website is available at

<http://ingeo2017.lnec.pt/>



Lisbon, Portugal

Conference Secretariat

Department of Surveying – Faculty of Civil Engineering
Slovak University of Technology in Bratislava – STU
Radlinského 11
SK-810 05 BRATISLAVA, SLOVAK REPUBLIC

Contact person: Peter Kyrinovič
Email: peter.kyrinovic@stuba.sk

Local Organizing Committee

National Laboratory for Civil Engineering – LNEC
Avenida do Brasil 101
1700-066 LISBON, PORTUGAL

Contact person: Maria João Henriques – Chairwoman
Email: ingeo@lnec.pt

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INGEO2017

7th International Conference
on Engineering Surveying

MONITORING
needs and solutions

1st Announcement

October 18 - 20, 2017

Lisbon, Portugal

Scientific Committee

Chairman: Alojz Kopáčik (Slovakia)

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Cooperating Bodies



FIG Commission 6



Slovak University of Technology in
Bratislava – Faculty of Civil Engineering
BRATISLAVA, SLOVAK REPUBLIC



National Laboratory for Civil Engineering
LISBON, PORTUGAL

LABORATÓRIO NACIONAL
DE ENGENHARIA CIVIL

Topics

The aim of the conference is to bring together professionals in the areas of surveying and civil engineering, to discuss new technologies, their applicability and operability.

The following list covers some of the topics to be presented at **INGEO2017**:

- Engineering surveying
- Structures monitoring, deformation measurement
- Surveying methods for monitoring engineering structures
- Trends in methodology and development of automated measuring systems
- Industry applications (power plants, nuclear facilities, etc.)
- Terrestrial and airborne laser scanning applications
- UAV (including drones) and SAR applications
- Photogrammetry and image analysis for visual inspections and displacements monitoring
- GNSS and POS applications

Papers on other subjects related to the objectives of the conference are also welcome. To maximise the attractiveness of an active contribution to the INGENEO2017 Conference for all involved in monitoring processes, the review process is optional. The peer reviewed papers will be evaluated by two independent reviewers, members of the Conference Paper Review Board. The conference proceedings will include the information about the review process and reviewed papers will be marked, similar to FIG WW practice. All papers will be sent to the FIG Library.

Invited speakers, from the surveying and civil engineering communities, will present lectures on their own areas of expertise but addressed to both communities. Speakers from the field of surveying will describe the new and also the most precise technologies of monitoring, their strengths and limitations. The civil engineers will present different types of civil engineering structures, their behaviour and monitoring needs.

Language

English

Important dates

	PRP*	NPRP**
Abstract submission deadline	15 th February	31 st May
Notification on paper acceptance	25 th February	25 th July
Paper submission deadline	30 th April	1 st September
Deadline for reviewers	30 th June	
Final paper submission	1 st September	

* PRP - Peer reviewed papers

** NPRP - Non peer reviewed papers

Other activities of the conference

The **INGEO2017** programme of social and cultural activities offers a walking tour in downtown Lisbon, to get a glimpse of this fascinating historical and ancient city.

Technical exhibition

The **INGEO2017** Organizing Committee invites enterprises and other entities, with activities, products or services in areas relevant to the event, to participate in the Technical Exhibition. It will offer participants contact with recent equipment, technologies and achievements, giving exhibitors the opportunity to display and demonstrate their innovations.

Venue

The **INGEO2017** will take place in the Congress Centre of LNEC, located at the heart of Lisbon, very close to the airport and the public transport system.

LNEC *campus* covers an area of 22 ha. It includes a set of buildings of great architectural interest and gardens that hold some rare and exotic species of trees and plants. In December 2012, LNEC's *campus* was classified as a Monument of Public Interest.