

Other activities

Social Programme:

- Conference dinner
- A private walking tour in downtown Lisbon with local guides

The day before (17th of October):

A visit to some facilities of the National Laboratory of Civil Engineering

The day after (21th of October):

- Surf day (organized by Duckdive Nature Sports): includes two hour lesson (surf or body board and wet suit included), the lunch in the restaurant of the beach and transport
- or
- Green and Gold tour: bus tour in Alentejo region that includes a visit to an olive mill with tasting, the lunch and a short visit to the city of Évora

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

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.



Lisbon, Portugal

Conference Secretariat

Department of Surveying – Faculty of Civil Engineering
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Local Organizing Committee

National Laboratory for Civil Engineering – LNEC
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Contact person: Maria João Henriques – Chairwoman
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2nd Announcement



INGEO2017

7th International Conference on Engineering Surveying

October 18 - 20, 2017
LNEC, Lisbon, Portugal

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

Conference programme

	18 October 2017 Wednesday	19 October 2017 Thursday	20 October 2017 Friday
Morning	Opening Session	Technical Session	Technical Session
	Plenary Session	Plenary Session	Plenary Session
	Technical Session	Technical Session	Technical Session
Afternoon	Technical Session	Technical Session	Technical Session
	Plenary Session	Plenary Session	Plenary Session
	Technical Session	Technical Session	Technical Session
	Conference dinner	<i>Walking tour in downtown Lisbon</i>	Closing Session

Registration

	Early bird (until 31 st of July)	Standard (from 1 st of August)
Normal	300€	380€
Students	150€	190€
Accompanying person (dinner and walking tour)		
		50€
The day before: Visit to LNEC		
		0€
The day after:	Surf day	60€
	Green and gold tour	60€

Registration (both conference and social activities) closes on the 6th of October 2017

Keynote speakers

Monitoring Techniques	Structures
Laser scanner: Wunderlich Thomas	Structural monitoring: José Catarino
Classical methods: Alojz Kopáček	Monuments and historic buildings: Paulo Lourenço
Ground based radar: Wolfgang Niemeier	Geotechnical works: Ana Quintela
UAV (drones): Gonçalo Vieira	Maritime structures: Juana Fortes
GNSS: Gethin Roberts	Bridges: Sokol Milan
Augmented reality: Alfredo Ferreira	Concrete dams: Silva Matos

Important dates

	PRP*	NPRP**
Abstract submission deadline	15 th February	30 th June
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

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.

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
- Structures behaviour
- Trends in methodology and development of technology
- Industry application (power plants, nuclear facilities, etc.)
- Metrology, in-situ calibration
- Deformation measurement
- Automated measuring systems
- Quality control of data
- Alerts and alarms
- Web based monitoring
- Monitoring using augmented reality
- Surveying methods for engineering structures:
 - Laser scanning
 - GNSS
 - Classical methods
 - UAV (including drones)
 - SAR (satellite and ground based)
 - LiDAR
 - Photogrammetry (visual inspections and displacements monitoring)

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