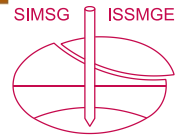




University of Minho
School of Engineering

3rd International Conference on Transportation Geotechnics (3rd ICTG) 4- 7 September 2016, Guimarães, PORTUGAL



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Workshop 2: Harbour geotechnics

Venue: Infante D. Henrique Auditorium and
Leixões Cruise Terminal (dinner)

Date: **September 4th 2016**



14h00	Key Note Lecture
14h45	Presentations
15h45	Coffee break
16h15	Presentations
17h45	Closure
18h30	BlueBoat Cruise at Douro River
20h00	Dinner (Cruise Terminal)

Organizing committee

Y. Kikuchi (Japan)
J. Cerejeira (Portugal)
A. Pinto (Portugal)
H. Lopes (Portugal)

Web site

<http://civil.uminho.pt/3rd-ICTG2016/WorkshopsThemes.php>

Contacts

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Publication

The extended abstracts will be compiled and published by University of Minho, School of Engineering with ISBN.

Registration

The registration fee for the workshop (no access to the 3rd ICTG 2016) is 125€ (70€ for students under certificate) and includes:

- Transportation from Guimarães to the Workshop (3rd ICTG 2016 delegates);
- Lunch and coffee breaks throughout the workshop and dinner;
- USB drive with workshop documentation;
- Blue Boat Cruise at Douro River.

Registration

On line mandatory registration using the following link: <http://www.civil.uminho.pt/3rd-ictg2016/Registration.php>

Organized by:

Portuguese Geotechnical Society (SPG),
University of Minho and International Society for
Soil Mechanics and Geotechnical Engineering
(ISSMGE).

Introduction

Harbour geotechnics and related engineering has nowadays a fundamental role in transportation geotechnics. In this event it will be time to share and discuss the importance of the harbour geotechnics experiences related with the some of the main transportatoin infrastructures.

Goals of the workshop

- Importance of geotechnics in harbour infrastructures;
- Design and construction case studies;
- Rehabilitation case studies;
- Future Perspectives.

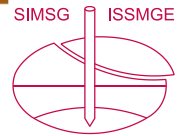
Program

Time	Activity
09h00	Opening Remarks
09h15	Key Note Lecture
10h15	Coffee break
10h45	Presentations
12h45	Lunch



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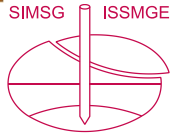
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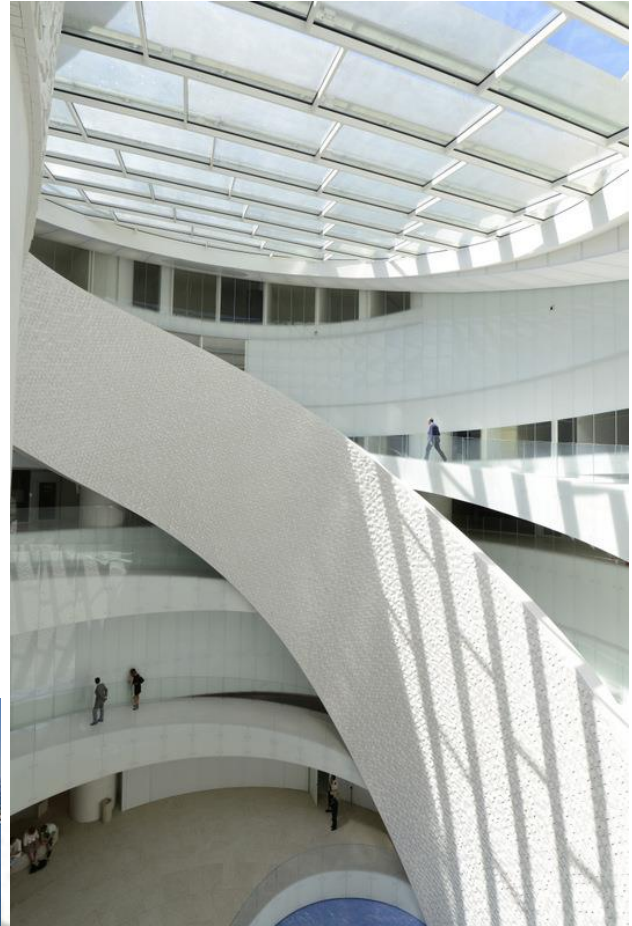
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**Venue – Infante D. Henrique Auditorium and
Leixões Cruise Terminal, 4th September 2016**



Port of Leixões is the main gateway by sea to Porto – the city of the Port Wine and the appropriate place to welcome all passengers from cruise liners. Equipped with comfortable facilities for tourists, the Leixões Cruise Terminal is an outstanding construction that resembles a ship's hull, and is considered an important architectural and historical heritage. Since April 2011, it is in operation a new cruise quay 340m long and 320m length for berth. Since then, the biggest and the most glamorous cruise ships from the worldwide cruise fleet are welcome here.



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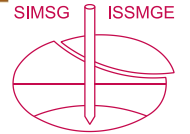
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Detailed Program 4th September 2016

Sunday 4 September
(Infante D. Henrique Auditorium)

08h30	Welcome Reception
09h00	
09h00	Opening Session
09h15	
09h15	Keynote Lecture: <i>"Sea port soft clays problems"</i> by Prof. Yoshiaki Kikuchi, Tokyo University of Science
10h15	
10h15	Coffee Break
10h45	
10h45	<i>"Offshore vibro replacement for large depths and challenging soil conditions. Recent cases from Europe and South America"</i> by Goran Vukotic, Keller
11h15	
11h15	<i>"Offshore stone columns to improve alluvial soils for caissons quay wall and land fill foundations"</i> by Pedro Costa, Somague
11h45	
11h45	<i>"Ground improvement at the containers terminal of La Guaira Harbour, Venezuela"</i> by Vasco Madeira, Teixeira Duarte
12h15	
12h15	<i>"Special foundations solutions at the Soyo Pier, Angola"</i> by Francisco Caimoto, Teixeira Duarte
12h45	
12h45	Lunch
14h00	
14h00	Keynote Lecture: <i>"On the conception, design and contracting of important port infrastructures. Some examples"</i> by José Cerejeira, Proman
14h45	
14h45	<i>"Sea waves and seabed interaction. Partial fluidification of breakwaters foundations"</i> by Alexandre Santos Ferreira, DGRM
15h15	
15h15	<i>"Coastal geoscience mapping for harbour geotechnics: implications in maritime environments"</i> by Ana Pires, ISEP
15h45	
15h45	Coffee Break
16h15	
16h15	<i>"Seismic resistance of port facilities in Japan"</i> by Elji Kohama, Japan Port and Airport Research Institute
16h45	
16h45	<i>"Punta Langosteira Harbour"</i> by Fernando Noya Arquero, Puerto de A Coruña
17h15	
17h15	<i>"Stability of submerged clay masses. A case study in a Port"</i> by António Campos e Matos, GEG
17h45	
17h45	Closure Session
18h15	
18h30	Blue Boat Trip at Douro River
20h00	
20h00	Dinner at Leixões Cruise Terminal
22h00	