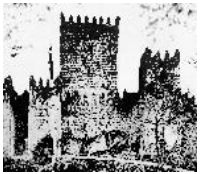
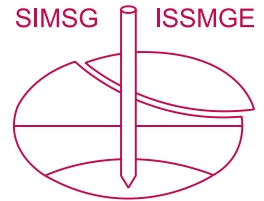


Portuguese Geotechnical Society  
University of Minho



**3rd ICTG**  
*International Conference  
On Transportation  
Geotechnics*

**ISSMGE**  
*International Society for Soil  
Mechanics and Geotechnical*



# 3<sup>rd</sup> International Conference on Transportation Geotechnics

*4-7 September 2016*

*Vila Flor Cultural Centre, Guimarães, PORTUGAL*

## CALL FOR REGISTRATION AND SPONSORSHIP



### **Contact**

*3rd ICTG Secretariat  
University of Minho – School of Engineering  
Campus de Azurém, 4800-058 Guimarães – PORTUGAL  
Tel.: (+351) 253 510 218  
Fax: (+351) 253 510 217  
e-mail: [3ictrgeo2016@civil.uminho.pt](mailto:3ictrgeo2016@civil.uminho.pt)*

*Exhibition and Sponsorship at  
the Conference are a great way  
to introduce your company  
and products to the academy  
and the industry.*

**Conference Website: <http://civil.uminho.pt/3rd-ICTG2016>**

## ***3<sup>rd</sup> International Conference on Transportation Geotechnics (3<sup>rd</sup> ICTG)***

### ***Chairman address***

The Transportation Geotechnics International Conference series began under the auspices of ISSMGE-TC3 and was initiated in 2008 at the University of Nottingham, UK, as an international event designed to address the growing requirements of infrastructure for societies. The 2<sup>nd</sup> International Conference on Transportation Geotechnics took place in 2012, at Sapporo, Japan, under the ISSMGE-TC202 that follows the TC3 activities for the period 2009-2013. To continue the success of these conferences and the output of ISSMGE-TC202, the 3<sup>rd</sup> was scheduled for 2016, at Guimarães, Portugal. Following the previous one, the challenges addressed by this conference will include a better understanding of the interactions of geotechnics on roads, rails, airports, harbours and other ground transportation infrastructure with the goal of providing safe, economic, environmental, reliable and sustainable infrastructures. The 3<sup>rd</sup> ICTG will be composed of workshops and several types of sessions, as well as a technical exhibition, for better disseminations of findings and best practices. Additionally, a Young Transportation Geotechnics Engineers (YTGE) Network will be created in the framework of this Conference. A special attention will be paid to the publication of all the peer review papers. All accepted papers will be published by Elsevier as a Procedia, part of the Science Direct® electronic service, and available without charge to users. The conference proceedings will be submitted to be indexed by Scopus and ISI Thomson Reuters Conference Proceedings Citation Index. On behalf of the organizing committee I am honoured to invite you to the 3<sup>rd</sup> ICTG in the City of Guimarães, UNESCO World Heritage (September 4-7, 2016).

António Gomes Correia  
(University of Minho, ISSMGE-TC202)  
Chairman



### ***Who should attend***

The 3<sup>rd</sup> ICTG is open to researchers, academics and students; engineers; planning, design construction and management engineering companies; decision makers; transport infrastructures managers; owners and governmental bodies.

## Conference Themes / Chairpersons

- Theme 01:** Optimized geomaterial (including hydraulically bound materials and asphalt mixtures) use, reuse and recycling – *T. Edil, N. Consoli, A. Dawson*
- Theme 02:** Unsaturated soil mechanics in transportation geotechnics – *D. Toll, E. Alonso*
- Theme 03:** Foundations and earth structures – *A. Gomes Correia, H. Brandl*
- Theme 04:** Slope stability, stabilisation, and asset management – *S. Glendinning*
- Theme 05:** Mechanistic-empirical design (road, railways and airfields) – *C. Schwartz, D. Brill, S. Costa d'Aguiar*
- Theme 06:** Rail track substructures, including transition zones – *W. Powrie, M. Shahim*
- Theme 07:** Subsurface sensing for transportation infrastructure – *S. Nazarian, A. Loizos*
- Theme 08:** Macro and Nanotechnology applied to transportation geotechnics – *M. Alves, J.M. Fleureau*
- Theme 09:** Sustainability in transportation geotechnics – *I. Al-Qadi, M. Winter*
- Theme 10:** Case histories – *J. Koseki, J. Oliveira, J. Liu*

## Workshops Themes

- Workshop 01:** Geosynthetics in transportation geotechnics – *F. Tatsuoka, J. Zornberg, J. Vale, J. Neves*
- Workshop 02:** Harbour geotechnics – *J. Cerejeira, A. Pinto*
- Workshop 03:** Non destructive technologies – *(to be confirmed)*
- Workshop 04:** Ground improvement and soil stabilization – *S. Varaksin, M. Azenha*

## 1<sup>st</sup> Young Transportation Geotechnics Engineers (YTGE)

The 1<sup>st</sup> meeting of the YTGE meeting, associated with the 3<sup>rd</sup> ICTG 2016, aims to provide an international forum for doctoral and post-doctoral students as well as research engineers and engineers involved in innovation in Transportation Geotechnics, to present and discuss their main research results and to identify future research and engineering practice needs.

## Honour Lectures

**ISSMGE – TC202: Proctor Lecture:** Prof. Buddhima Indraratna (Australia)

**IGS: Mercer Lecture:** Prof. Jorge Zornberg (USA)

## Invited Speakers

- Keynote Lectures by distinguished scientists in the field of Transportation Geotechnics
- Reports of the Young Transportation Geotechnics Engineers (YTGE), Workshops and Technical Sessions

## Conference Proceedings

The conference proceedings will be submitted to be indexed by Scopus and ISI Thomson Reuters Conference Proceedings Citation Index.



### ***SPG – National Advisory Committee***

- José Luís Machado do Vale (President of the SPG)
- Nuno Guerra (Vice-President of the SPG)
- Maria Luísa Braga Farinha (Secretary General)
- António Topa Gomes (Deputy Secretary)
- Raúl Sarra Pistone (Treasurer)
- António Gomes Correia (Chair of the Conference Organising Committee)
- António Silva Cardoso, SPG nominated member
- Luís Nolasco Lamas, SPG nominated member
- Eduardo Fortunato, SPG nominated member

### ***Organizing Committee***

- António Gomes Correia, UMinho (Chair)
- Joaquim Tinoco (UMinho)
- Joel Oliveira (UMinho)
- José Campos e Matos (UMinho)
- Manuel Parente (UMinho)
- Miguel Azenha (UMinho)

### ***National Technical Committee***

- Alexandre Pinto (JetSJ)
- Ana Cristina Freire (LNEC)
- António Gomes Correia (UMinho)
- Eduardo Fortunato (LNEC)
- Francisco Fernandes (ULusiada)
- José Neves (IST)
- Sofia Costa Aguiar (SNCF)

### ***International Advisory Committee***

- Antonio Gens, Vice-President of the ISSMGE for Europe 2013-2017 (Spain)
- António Gomes Correia, Chair of the Conference Organising Committee (Portugal)
- António Viana da Fonseca, Chair of ISSMGE Technical Committee TC 102 (Portugal)
- Buddhima Indraratna (Australia)
- David Toll, Chair of ISSMGE Technical Committee TC106, (UK)
- Eduardo Alonso (Spain)
- Erol Tutumluer, Chair of ISSMGE Technical Committee TC202 (USA)
- Fumio Tatsuoka, (Japan)
- Heinz Brandl (Austria)
- Hervé Di Benedetto (France)
- Hai-Sui Yu, Chair of the 1st ICTG Organising Committee (UK)
- Jean-Louis Briaud, President of the ISSMGE 2009-2013 (USA)
- Jean-Pierre Magnan (France)

- Jorge G. Zornberg, President of the IGS 2010-2014 (USA)
- Junichi Koseki, Chair of ISSMGE Technical Committee TC101 (Japan)
- Kerry Rowe (Canada)
- Mario Manassero (Italy)
- Mike Winter (UK)
- Noel Huybrechts, Chair of ISSMGE Technical Committee TC211 (Belgium)
- Roger Frank, President of the ISSMGE 2013-2017 (France)
- Samuel. I. K. Ampadu (Ghana)
- Seiichi Miura, Chair of the 2nd ICTG Organising Committee (Japan)
- Soheil Nazarian (USA)
- Tuncer Edil (USA)
- William Powrie (UK)
- Yunmin Chen (China)

### ***International Scientific Committee***

- Amir Kaynia (Norway)
- Anand Puppala (USA)
- Andreas Loizos (Greece)
- Andrew Dawson (UK)
- António Gomes Correia (Portugal)
- Bernardo Caicedo (Colombia)
- Charles Schwartz (USA)
- Dar Hao Chen (USA)
- Donald Cameron (Australia)
- Fintan Buggy (Ireland)
- Imad Al-Qadi (USA)
- János Szendefy (Hungary)
- Jean-Marie Fleureau (France)
- J. L. Garcia de la Oliva (Spain)
- Jennifer E. Nicks (USA)
- Jie Han (USA)
- Leszek Rafalski (Poland)
- Marc Raithel (Germany)
- Mohamed Shahin (Australia)
- Nilo Cesar Consoli (Brazil)
- Pauli Kolisoja (Finland)
- Richard Bathurst (Canada)
- Robert Lytton (USA)
- Rui Calçada (Portugal)
- Stephanie Glendinning (UK)
- Tatsuya Ishikawa (Japan)
- Thierry Dubreucq (France)
- Vikas Thakur (Norway)
- Vincenzo Pane (Italy)
- Woon-Hyung Kim (Korea)
- Yoshitsugu Momoya (Japan)

## Registration Fees

Registration Category*	ISSMGE/SPG/IGS member	Non member	Student
Standard Rate	€ 380	€ 450	€ 200
Standard Full Rate	€ 420	€ 490	€ 240
Late Rate	€ 465	€ 550	€ 200
Late Full Rate	€ 505	€ 590	€ 240
Workshops Participation	€ 125	€ 125	€ 70

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

\* Please note that payment must be received in full by the registration deadline in order to qualify for these rates.

## Deadlines

- **Standard Registration Deadline:** Wednesday, 31<sup>st</sup> March 2016
- **Registration on the Website Deadline:** Friday, 2<sup>nd</sup> September 2016

## What is included in your registration

- Welcome Reception with Wine Tasting in the Exhibition Halls on Monday Evening (05 September 2016);
- Attendance to all Scientific Sessions;
- All lunch and tea and coffee refreshments throughout the conference;
- Delegates bag and all conference materials;
- An electronic copy of the conference proceedings.

## Accompanying person

If you would like to standard register an accompanying person, passes can be purchased for €25 each. Please note these passes will only allow attendance at the Welcome Reception on Monday 05 September 2016. They do not allow access to the scientific sessions, Exhibition Hall, lunch or tea and coffee breaks. A full register can be purchased for €65 including Wine Tasting and Conference Dinner. Attendance for Social Tours is available at an additional cost.

## Conference Dinner

Only full registration (standard or late) includes conference dinner. Tickets for the conference dinner in the 1st day of registration can be purchased in site for the cost of €80 each. If you would like to bring a guest with you to the dinner you will have to purchase two tickets.

## Invitation for Exhibitors

Join us as an exhibitor at 3rd-ICTG2016 in Guimarães, Portugal, and showcase your products and services to a highly targeted market of education, researchers and professionals. The Exhibitor registration will be subject to individual agreements and available on a first come, first served basis. Early registrations are acknowledged for payments made by 31 January 2016.

**Exhibit Space Rental Fee:** € 2,000 (6m<sup>2</sup>) <http://www.civil.uminho.pt/3rd-ICTG2016/Exhibition.php>

## Invitations for Sponsors

The local organisers kindly invite the potential sponsors and exhibitors to join the 3rd ICTG 2016 and contribute to its success. Sponsors are welcome to make their selection from the list of sponsorship options below. Final agreement about the sponsorship options will be negotiated with the Organising Committee representatives.

## Sponsor Categories

Sponsor Category	Price*
Platinum sponsor	€ 5,000
Golden sponsor	€ 4,000
Silver sponsor	€ 2,500
Sponsor for coffee breaks	€ 1,500/day

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

\* Please note that prices for sponsorship do not include VAT.

## Sponsor Benefits

### Platinum sponsors

- Floor space of 6 sqm;
- An advert in the Announcements;
- An advert in the Final Programme;
- Pre-event and post-event advertising; announcement on the conference's website (starting at least 8 months before the conference);
- Promotional leaflet in the conference bag (provided by the sponsor);
- Acknowledgement in chairman's address at the opening ceremony;
- Five minute welcome address by sponsor's representative at the Welcome Reception;
- Company logo in the main hall;
- Three full conference passes;
- Three complimentary tickets for the Gala Dinner;
- Other options to be discussed.

### Silver sponsor

- Floor space of 3 sqm;
- Pre-event and post-event advertising - announcement on the conference's website (starting at least two months before the conference);
- A logo in the Final Programme;
- Company logo on the main hall (temporary announcements);
- One full conference pass;
- One complimentary ticket for the Gala Dinner;
- Other options to be discussed.

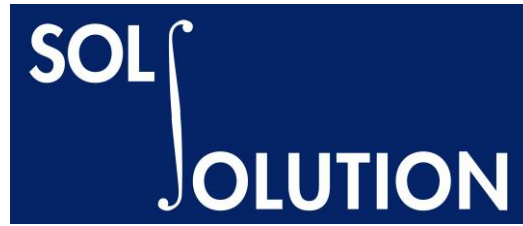
### Golden sponsors

- Floor space of 6 sqm;
- An advert in the Announcements;
- An advert in the Final Programme;
- Pre-event and post-event advertising - announcement on the conference's website (starting at least 8 months before the conference);
- Promotional leaflet in the conference bag (provided by the sponsor);
- Acknowledgement in Chairman's address at one of the plenary sessions;
- Company logo on the main hall (temporary announcements);
- Two full conference passes;
- Two complimentary tickets for the Gala Dinner;
- Other options to be discussed.

### Sponsors for coffee breaks

- Publication of logo in the schedule at the sponsored coffee break;
- Special announcement of sponsor at the end of lecture before the sponsored coffee break.

*Golden Sponsors (confirmed)*



*Silver Sponsors (confirmed)*



*Co-Sponsors (confirmed)*



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DOS  
ENGENHEIROS



ORDEM  
DOS ENGENHEIROS  
REGIÃO NORTE



**GEO-INSTITUTE**





## Preliminary Program

	<b>Sunday 4<sup>th</sup></b>	<b>Monday 5<sup>th</sup></b>	<b>Tuesday 6<sup>th</sup></b>	<b>Wednesday 7<sup>th</sup></b>
09h00	1 <sup>st</sup> YTGE* Meeting and Workshops	Plenary Sessions		
12h45				
14h00	Lunch			
14h00	1 <sup>st</sup> YTGE* Meeting and Workshops	Parallel Sessions		
18h00				
	Free time	Welcome Reception (Porto Wine taste)	Gala Dinner	Free time

\* Young Transportation Geotechnics Engineers

