

# TC202 Session on Transportation Geomechanics at 15<sup>th</sup> ARC, Fukuoka, 2015

Tuesday, November 10, 2015, 13:30-17:00 Venue: Room 412, Fukuoka International Congress Center (FICC)

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# **Opening Address by TC202 Chair**



Prof. Erol Tutumluer (University of Illinois at Urbana-Champaign)

# **TC202 Terms of Reference**

The goal of TC202 is to apply broad engineering to bridge the gap between Pavement/Railway Engineering and Geotechnical Engineering. The main task is to promote co-operation and exchange of information and knowledge about the geotechnical aspects in design, construction, maintenance, monitoring and upgrading of roads, railways and airfields. The task also covers the related environmental aspects. For these purposes, several main topics were identified and materialized in the main Task Forces of the Committee as follows.

- **TF 1.** Promote of use of nontraditional materials in embankments and structural layers.
- **TF 2.** Reinforcement of geomaterials and its implications in pavement and rail track design.
- **TF 3.** Earthworks design, technology and management
- **TF 4.** Rail track substructures, including transition zones.
- **TF 5.** Subsurface sensing for transportation infrastructure condition diagnostics among others.
- **TF 6.** 3rd International Conference on Transportation Geotechnics (ICTG), Guimarães, Portugal, September 4-7, 2016. Chairman António Gomes Correia (University of Minho).
- **TF 7.** Transportation Geotechnics; Elsevier journal of TC202. Editors-in-Chief: António Gomes Correia; Erol Tutumluer, and Yunmin Chen.

  <a href="http://www.journals.elsevier.com/transportation-geotechnics/">http://www.journals.elsevier.com/transportation-geotechnics/</a>

# TF 6. 3rd ICTG



# TF 6. Named Lecture of TC202

International Society for Soil Mechanics and Geotechnical Engineering



ISSMGE Transportation Geotechnics

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### PROCTOR LECTURE

The Proctor Lecture was first established with the Board approval during the time of the September 2013 ISSMGE Conference in Paris, to commemorate the significant contributions of late Ralph Roscoe Proctor, and to be delivered by the world's most distinguished achievers in Transportation Geotechnics. This memorial Lecture is organised as the primary keynote event at each Transport Geotechnics conference hosted by ISSMGE-TC202. The guidelines of ISSMGE-TC202 for the nomination of the Proctor Lecture recipient are given in the



### Ralph Roscoe Proctor (1894-1962)

Ralph Roscoe Proctor was an American Civil Engineer well-known as the inventor of the 'Proctor test' and the associated theory of compaction.

As a veteran of World War 1 who served the Company E, Twenty-Third Engineers, he was primarily involved in railroad construction work in France. Afterwards, having completed his studies in Civil Engineering at the University of Southern California in Los Angeles (1914-1916), Ralph Proctor worked at the California Water Authority of Los Angeles (BWWS - Bureau of Water Works and Supply), where he remained during the rest of his career, mostly involved in construction, design and career, mostly involved in construction, design and

### Recipient of the 1st **Proctor Lecture:**



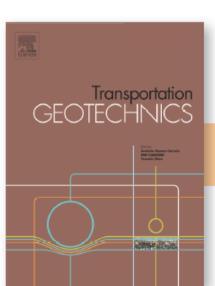
1st Proctor Lecture by Professor Buddhima Indraratna Guimarães, Portugal, Sep, 2016

See lecture slides (Coming Soon)

Prof. Buddhima Indraratna (University of Wollongong)

# **TF 7. Issue of International Journal**

# NEW IOURNAI



Transportation Geotechnics is a new journal publishing high quality theoretical and applied papers on all aspects of geotechnics for roads, highways, railways, airfields and waterways.

### Editors: António Gomes Correia **Erol Tutumluer** Yunmin Chen

Read the guide for authors and submit your article at www.elsevier.com/locate/trgeo

1st issue 03/2014



Professor Erol

# ISSMGE TC 202 FDITORS



Professor Antonio



Professor Yunmin Zhejiang University Zhejiang, China

# **Technical Committee 202**

### TC202 Web Sites:

51 members covering a good majority of ISSMGE member societies

In Asia: China 2 members Iran 1 member
Chinese Taipei 1 Japan 4
Hong Kong 2 Kazakhstan 1
India 1 South Korea 3

Indonesia 1 Total 17 members

### TC202 Web Sites:

http://www.issmge.org/en/technicalcommittees/applications/147-transportationgeotechnics

http://www.eng.hokudai.ac.jp/labo/geomech/l SSMGE%20TC202/

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