

# TC202 Workshop on “NDT Technologies and Innovations in Transportation Geotechnics”

## XVII ECSMGE-2019, Reykjavik, Iceland

Sunday, September 1, 2019

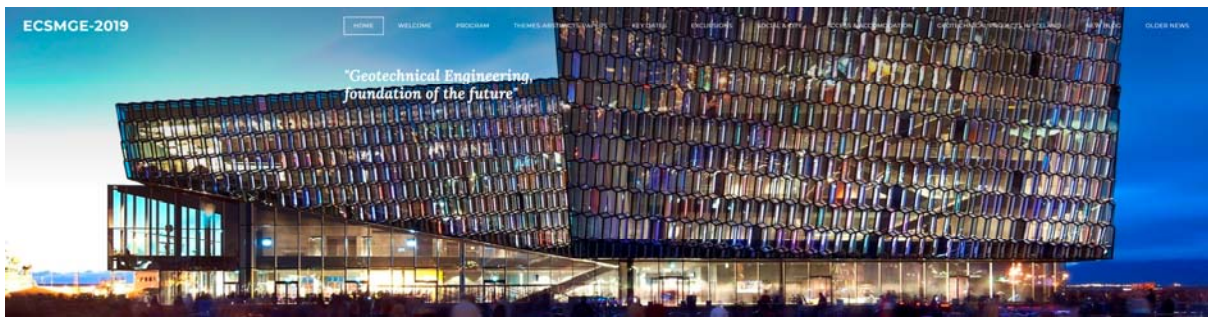
Venue: Harpa Concert Hall and Conference Center

### Call for Participation

Technical Committee **TC202 Transportation Geotechnics** of ISSMGE will be organizing a Workshop on **NDT Technologies and Innovations in Transportation Geotechnics** to be held at the XVII European Conference on Soil Mechanics and Geotechnical Engineering (ECSMGE) in September 2019.

### Program

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|---------------|---|---|
| 12:30 - 12:40 | Opening Address   | Prof. Erol Tutumluer, Chair of ISSMGE TC202     |
| 12:40 - 13:00 | Progress towards the implementation of CCC in the UK: history, current state and future prognosis   | Prof. Mike G. Winter, Winter Associates         |
| 13:00 - 13:20 | Bi-modulus columns as effective soil improvement for existing road embankment                       | Prof. Peteris Skels, Riga Technical University  |
| 13:20 - 13:40 | Storm water management in Karst soils and stability of slopes and foundations in the North of Spain | Prof. Felipe Collazos, Universidad de Cantabria |
| 13:40 - 14:00 | Compaction QA: Comparison of alternative testing methods  | Dr. Burt Look, FSG                              |
| 14:00 - 14:20 | Detection of floating sleeper by RFWD   | Dr. Yoshitsugu Momoya, RTRI                     |



14:20 - 14:40 Questions and Answers / Discussion

14:40 - 15:00 Coffee Break

15:00 - 15:20 New approach for determining permafrost conditions along Russian North Railway  
"Winner paper from Young Geotechnical Engineers Symposium TRANSOILCOLD 2019"

Dr. Kotov Pavel, Lomonosov Moscow State University

15:20 - 15:40 Long-term Deterioration of Linear Infrastructure

Prof. Stephanie Glendinning, Newcastle University

15:40 - 16:00 Coupling experimental and numerical techniques for improving the reliability of  
bender element experiments

Dr. Dragos Moldovan, University of Lisbon

16:00 - 16:20 Innovations on Evaluation of Road Structure with GPR

Dr. Timo Saarenketo, ROADSCANNERS

16:20 - 16:40 Development of a New Bender Element Field Sensor to Quantify Aggregate Layer  
Stiffness

Prof. Erol Tutumluer, University of Illinois at Urbana-Champaign

16:40 - 17:00 Questions and Answers / Discussion

Correspondence:

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