Welcome to the 4th International Conference on Transportation Geotechnics (4th ICTG), which will be held in Chicago, Illinois, on August 30–September 2, 2020. This is the main conference event of the International Society of Soil Mechanics and Geotechnical Engineering (ISSMGE) Technical Committee (TC) 202 on Transportation Geotechnics and it is organized every four years. The primary focus of TC202 is to apply broad engineering to bridge the gap between Pavement/Railway Engineering and Geotechnical Engineering. The ISSMGE TC202 website:

www.issmge.org/committees/technical-committees/applications/transportation-

The Transportation Geotechnics International Conference series began under the auspices of ISSMGE Technical Committee (TC) 3 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 2nd International Conference on Transportation Geotechnics (ICTG) took place in Sapporo, Japan in 2012 under the ISSMGE-TC202 that followed the TC3 activities for the period 2009-2013, and the 3rd ICTG was organized in Guimarães, Portugal in September 2016. Following this 3rd successful conference, the 4th ICTG in 2020 will continue to promote co-operation and exchange of information and knowledge about the geotechnical aspects and address challenges in design, construction, maintenance, monitoring and upgrading of roads, railways, airfields and harbor facilities and other ground transportation infrastructure with the goal of providing safe, economic, environmental, reliable and sustainable infrastructures.

The 4th ICTG will include 3rd Proctor lecture, ASCE’s Carl Monismith Lecture, meeting of Young Transportation Geotechnics Engineers (YTGE), several pre-conference workshops, plenary, keynote and breakout sessions as well as a technical exhibition for better disseminations of findings and best practices. Peer reviewed conference papers will be fully citation indexed and published in a Springer proceedings book.

Conference Themes

▲ Mechanistic-empirical design (road, railways, airfields and harbor facilities)
▲ Optimized geomaterial (including hydraulically bound materials and asphalt mixtures) use, reuse and recycling in road embankments and structural layers
▲ Sustainability in transportation geotechnics
▲ Rail track substructures, including transition zones, and transportation geodynamics
▲ Stabilization and reinforcement of geomaterials and its implications in pavement and rail track design

Call for Abstracts

Papers relevant to 4th ICTG 2020 that address the conference themes are invited. Abstracts should contain up to 350 words, and include the affiliation and contact details of the authors. The abstract and paper submission is through the conference Web page:

www.conferences.illinois.edu/ICTG2020

The deadline for submission is June 16, 2019.
The main focus of the specialty workshops will be on IC technologies in earthworks, geosynthetics in transportation geotechnics, sustainability in mechanistic-based designs of highway and airfield pavements, rail track substructure challenges, including transition zones, and transportation geodynamics.

Local Organizing Committee
Erol Tutumluer, Chair, University of Illinois at Urbana-Champaign (UIUC)
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Chris Barkan, Director, Rail Transportation and Engineering Center (RailTEC), UIUC
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