

INVITATION

After the increasingly successful conferences held in Tokyo (1995), Lisbon (1999), Berkeley (2004), Thessaloniki (2007), Santiago (2011), and Christchurch (2015), the Italian Geotechnical Society (AGI) and the ISSMGE Technical Committee 203 ('Earthquake Geotechnical Engineering and associated problems') are delighted to invite you to join us at the **7th ICEGE - International Conference on Earthquake Geotechnical Engineering**, which will be hosted on **17-20 June 2019 in Roma, Italy**.

The 'eternal city' is one of the most attractive and symbolic locations in the world, thanks to its impressive cultural heritage, the pleasant weather, its extraordinary social life, not to mention the taste of the Italian food.

Ross W. Boulanger (TC203 Chairman)

Nicola Moraci (AGI President)

Francesco Silvestri (Chairman 7th ICEGE)

CONFERENCE FORMAT

The four-day conference will consist of plenary, parallel and poster sessions presenting both invited and submitted papers, in conjunction with Keynote and Theme Lectures presented by leading international experts.

The plenary sessions will include the **7th Ishihara Lecture**, an award lecture created by TC203 to honour the life contribution of Professor Kenji Ishihara in the field of Earthquake Geotechnical Engineering.

Workshops on specific topics and round table discussions are also programmed.

Pre- and/or post-conference technical visits are also planned, including construction sites and areas affected by most recent earthquakes in Italy.

IMPORTANT DATES

Abstract submission deadline: **8 June 2018**

Notice of acceptance: **30 June 2018**

Full papers due: **8 October 2018**

Final papers due: **20 January 2019**

Early registration deadline: **17 February 2019**

Conference dates: **17-20 June 2019**

CONFERENCE TOPICS

As in the previous editions, the conference will address the most recent research and practice developments in earthquake geotechnical engineering, stimulating fruitful scientific and technical interaction with the fields of seismology, geophysics, geology, structural and infrastructural engineering. The session themes will include, however are not limited to the following topics:

- 1 Seismic hazard, ground motion records and prediction
- 2 Surface fault rupture and near-fault effects
- 3 Dynamic field and laboratory testing on soils and rocks
- 4 Dynamic physical modelling, shaking table and centrifuge tests
- 5 Seismic site characterization
- 6 Constitutive and numerical models for dynamic analyses
- 7 Seismic response analysis, site amplification and microzonation
- 8 Liquefaction, lateral spreading and their impacts
- 9 Stability of natural slopes, cavities and mining digs
- 10 Embankments, levees and dams
- 11 Landfills and waste repositories
- 12 Ground improvement and reinforced soil structures and geosynthetics
- 13 Waterfront and offshore structures
- 14 Earth-retaining structures
- 15 Tunnels and underground structures
- 16 Lifeline earthquake engineering
- 17 Shallow and deep foundations
- 18 Soil-foundation-structure interaction
- 19 Case histories and instrumented test sites
- 20 Seismic safety of monuments and historical sites
- 21 Lessons learned from recent and past earthquakes
- 22 Developments in performance-based design, codes and standards of practice
- 23 Metamaterials and other innovative technologies for seismic protection
- 24 Emergency, urban systems and resilient communities
- 25 Risk management and insurance issues
- 26 Multi-hazards, tsunamis and induced earthquakes
- 27 Education and preparedness

TIPS & INFO

Transportation to and through Roma is very effective thanks to two International Airports, high-speed railways and underground city trains.

Roma can count on a variety of accommodation facilities to host the conference delegates, from Luxury hotels to B&Bs.

The conference website **www.7icege.com** provides details on contacts, committees, abstract/paper submission, registration, sponsorships, and useful tips for planning your trip to Roma.