



Wednesday 20th June 2018 - 11:30-13:00

ROOM: CR2 (building M2 - Thessaloniki Concert Hall/16ECEE Conference Venue)

Workshop:

EARTHQUAKE INDUCED LIQUEFACTION RISK: HOLISTIC ASSESSMENT AND MITIGATION

Aim of this workshop is to bring together experts of seismic risk, earthquake induced liquefaction, sustainability, safety and resilience of urban assets to comprehensively discuss the approaches for the assessment and mitigation of liquefaction risk, as well as the strategies to determine its impact to the community.

Chairman Prof. Gopal Santana Phani Madabhushi

- Giuseppe Modoni (University of Cassino and Southern Lazio): *Liquefaction risk assessment: principles and observation*
- Carlo G. Lai (University of Pavia): *Assessment of liquefaction risk at different geographical scales*
- Alessandro Flora (University Federico II of Napoli): *Ground improvement to mitigate the liquefaction potential*
- Maxim Millen & Xavier Romão (University of Porto): *Liquefaction vulnerability of structures and infrastructures on liquefiable deposits*
- Marco di Ludovico (University Federico II of Napoli): *Empirical damage and liquefaction fragility curves*

