

# ICONHIC 2016

International Conference on Natural Hazards & Infrastructure

a 3-day event fostering the exchange of ideas, practices and state of the art among experts active in infrastructure design against earthquake, landslides, floods and tsunamis

28 – 30 June 2016, Chania, Crete island, Greece



## Conference Topics

### Cross-Cutting Themes

- Resilient Infrastructure Design
- Sensing and Monitoring
- Physical Modeling in Lab and Field
- Cascading Hazards and Multiple Risk Assessment
- Case studies and lessons learned
- Eco-friendly mitigation techniques
- Community Preparedness and Outreach
- Extreme Engineering for extreme conditions (Arctic, Offshore platforms)

### Wind, Floods and Tsunamis

- Design for extreme wind loads
- Flood-resistant Design for Dams and Levees
- Tsunami-resistant Design
- Tsunami Hazard Evaluation
- Prevention & Mitigation Measures

### Landslides

- Hazard Assessment and Sensing
- Submarine Infrastructure effects from offshore landslides
- Landslides due to earthquakes & floods
- Prevention and Mitigation

## Keynote Speakers

- T. Abdoun**, Rensselaer Polytechnic Institute, USA  
**M. Calvi**, Univ. Pavia, ITALY  
**R. Gilsanz**, GMS, USA  
**A. Kareem**, Univ. Notre Dame, USA  
**R. Phillips**, C-Core, Canada  
**A. Puzrin**, ETH, SWITZERLAND  
**M. Randolph**, Univ. of Western Australia, AUSTRALIA  
**I. Towhata**, Univ. Tokyo, Japan  
**G. Viggiani**, Univ. Roma Tor Vergata, ITALY  
**D. Wald**, USGS, USA

### Earthquakes

- Engineering Seismology & Ground Motion Simulation
- Assessment, Analysis and Retrofitting of Structures
- Soil-Structure Interaction
- Life-cycle and aging effects on seismic risk assessment
- Design of Foundations, Underground Structures and lifelines
- Ground Failure & Liquefaction: Analysis and Effects on Structures & Lifelines
- Protective Systems of Isolation and Energy Dissipation

## Join us

### Paper Submission:

**Abstract/Paper Submission Deadline : MARCH 15<sup>th</sup>, 2016**

**Paper Submission Deadline** (for authors with accepted Abstracts): **APRIL 25<sup>th</sup>, 2016**

**Online Submission:** <http://iconhic2016.com/authors-area>

### Registration :

Registration fee : **\$515 / €470**

Student fee : **\$270 / €250**

**Online Registration:** <http://iconhic2016.com/register/>

*\* Authors are advised to submit abstracts to ensure suitability of their paper to the conference*

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## Conference Highlights

**Balanced mixture of Practice and Academia** and a cutting-edge exhibition

- **Special Journal Issue** : the top quality papers will be forwarded for journal publication
- **Student Paper Award**: the winner will present the paper on the last day of the conference and will receive a 500€ / 550\$ prize.
- **5-in-5 Session** where each author will present 5 slides in 5 minutes
- **Certificates for up to 15 PDHs** may be provided (pending approval)
- **Exciting Social Activities** including a beach BBQ party, tours, shopping and night-walk in the vibrant old port of Chania to experience the unique Cretan cuisine
- **Expedition to Ancient Knossos Palace**, in the heart of Minoan Civilization (2000-1700 B.C.)

Learn more

[www.iconhic2016.com](http://www.iconhic2016.com)

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