



Faculty of Civil Engineering and Building Services  
Iasi, Romania



International Center for Numerical Methods in Engineering  
Barcelona, Spain



"Mati-Taiu Bolz"  
Academic Society  
Iasi, Romania



"Prof. Anton Sesan"  
Academic Society for Constructions



the 15<sup>th</sup> Computational Civil Engineering Conference

May 30<sup>th</sup> - 31<sup>th</sup> , Iasi, Romania

## CONFERENCE PROGRAM

May 30<sup>th</sup> 2019

Hotel Unirea – Cuza Center

### Part I

|               |   |
|---------------|---|
| 8:30 – 9:30   | Participants registration   |
| 9:30 – 10:00  | Conference Opening  |
| 10:00 – 10:45 | Jason Ingham (University of Auckland, New Zealand) – <i>Multi-scale Multi-disciplinary Research to Mitigate the Seismic Hazard of URM Buildings</i> |
| 10:45 – 11:05 | Florian Vlădulescu (INAS Romania) - <i>Optimization of Structural Systems for Civil Constructions Using Numerical Analyses</i> - sponsor            |
| 11:05 – 11:30 | Coffee break  |
| 11:30 – 12:15 | Neculai Tutos (Klaro Consulting, U.S.A.) - <i>Rethinking the Roadmap to Digital Age Performance in Construction</i>                                 |
| 12:15 – 12:35 | Lucian Mihai (SIKA Romania) - <i>Sika Structural Design Software for Composite Reinforcements</i>   |
| 12:35 – 12:55 | Phil Cull, Ovidiu Frunza (Barhale Ltd, UK) – <i>Tunneling Under River Thames</i>  |
| 12:55 – 13:15 | Marian Constantinescu (TPF Inginerie Romania) - <i>TPF – Engineering Services Since 1999</i>  |
| 13:15 – 15:00 | Lunch time  |

### Part II

|               |  |
|---------------|--|
| 15:00 – 17:00 | Parallels sessions - Conference papers   |
| 17:00 – 19:00 | Iasi – cultural and historical city - downtown walking sightseeing (guide touring) (optional – separate fee) |

#### Partners:



#### Sponsors:





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**May 31<sup>st</sup> 2019**

**Hotel Unirea – Cuza Center**

**Part I**

9:00 – 9:30

**Participants registration**

9:30 – 10:15

**Konstantinos Tsavdaridis (University of Leeds, UK) - Sustainable Seismic-Resistant Design of MRFS with the Use of Perforated Beams**

10:15 – 11:00

**Dan Palermo (York University, Canada) - Shape Memory Alloy Reinforced Concrete Structures: From Experimental Testing to Advanced Nonlinear Modelling**

11:00 – 11:20

**Radu Canarache (INICAD design), Paul Rosu (Military Technical Academy) - Modern Methods for Identifying Dynamics and Monitoring Structures**

11:20 – 11:45

**Coffee break**

11:45 – 12:30

**Ioan Nistor (University of Ottawa, Canada) - Extreme Hydrodynamic and Debris Loading on Structures - Forensic Engineering Field, Experimental and Numerical Studies**

12:30 – 13:00

**Alex H. Bărbat (CIMNE Spain) - Evaluation of the failure pressure of the containment building of a nuclear power plant**

13:00 – 13:20

**Radu Stefan (GIMSID) - Hydrodynamics of Concrete Structures: case studies**

13:20 – 15:00

**Lunch time**

**Part II**

15:00 – 18:00

Parallels sessions - Conference papers

19:00 -

Farewell dinner – Unirea Restaurant

**June 1<sup>st</sup> 2019**

9:00 -

Sightseeing in Iasi (guide touring) (optional – separate fee)

**Partners:**



**Sponsors:**

