

6TH NATIONAL CONFERENCE ON EARTHQUAKE ENGINEERING AND 2ND NATIONAL CONFERENCE ON EARTHQUAKE ENGINEERING AND SEISMOLOGY

14 - 17 June, 2017









Seismicity of Romania

Geotechnical earthquake engineering

Design regulations

Seismic risk evaluation and management of emergency situations

RO-RISK

CONFERENCE VENUE

Technical University of
Civil Engineering
Bucharest
122-124 Lacul Tei Bvd.
Sector 2, Bucharest,
Romania

The 6th National Conference on Earthquake Engineering and the 2nd National Conference on Earthquake Engineering and Seismology - 6CNIS & 2CNISS, will take place on June 14-17, 2017 in Bucharest - Romania, at the Technical University of Civil Engineering. The previous National Conferences were hosted by the Technical University of Civil Engineering of Bucharest in 1997, 2001, 2005, 2009 and 2014.

The 6CNIS & 2CNISS will offer a stimulating and challenging environment for the exchange of ideas, knowledge and experience. The organizers invite scientists, engineers, contractors, urban planners and policy officials to participate in this event. Renowned international scholars in the fields of seismology and earthquake engineering will provide keynote lectures in the plenary sessions of 6CNIS & 2CNISS.

The papers accepted by the International Advisory Committee and Scientific Committee will be published in the Conference Proceedings; authors of the accepted papers will present their contribution in the Symposium.

Invitation

- Seismicity of Romania; physics of seismic sources; lithosphere structure and dynamics; processing of seismic data; seismic hazard assessment; earthquake monitoring and early warning
- 2. Geotechnical earthquake engineering; site effects
- 3. Design regulations; structural analysis, performance baseddesign, seismic evaluation and rehabilitation
- 4. Seismic behaviour of engineering structures and of transportation networks and lifelines
- 5. Seismic risk evaluation and management of emergency situations
- 6. Innovative solutions for seismic protection of building structures
- 7. Workshop "40 years from March 4, 1977 Vrancea earthquake"
- 8. Workshop "BIGSES Brldging the Gap between Seismology and Earthquake Engineering: from the seismicity of Romania towards a refined implementation of Seismic action EN1998-1 in earthquake resistant design of buildings"
- 9. Workshop "RO-RISK Disaster risk assessment at national level"

Conference topics

UTCB - Technical University of Civil Engineering of Bucharest **INCDFP** - National Institute for Earth Physics URBAN-INCERC - National Institute for Research and Development in Construction, Urban Planning and Sustainable Spatial Development **Organizers IGSU** - General Inspectorate for Emergency Situations With the support of: **IGAR** - Romanian Academy Institute of Geography **AICR** - Romanian Association of Civil Engineers ARIS - Romanian Association for Earthquake Engineering Abstracts (in English language, including the authors names, affiliation and contact e-mail, with a text of maximum 300 words, .doc file) should be sent until January 9, 2017 on one of the conference e-mails: 6cnis@utcb.ro or 2cniss@infp.ro. The acceptance notice will be sent by 28.02.2017. **Important dates** The accepted papers will be sent in .doc and .pdf formats at the same conference e-mails (6cnis@utcb.ro or 2cniss@infp.ro) for publication in the Conference proceedings by April 15, 2017. Papers will be in English and will have a maximum length of 8 pages. Alex Horia Barbat Sierd Cloetingh Mauro Dolce John Douglas Iunio Iervolino Alper Ilki **International** Alik Ismail-Zadeh Roberto Paolucci **Advisory Committee** Kyriazis Pitilakis Rajesh Rupakhety Taiki Saito Matsutaro Seki **Humberto Varum** Akira Wada The language of the Conference is English. The Conference will be organized with parallel sessions and poster exhibitions (if necessary). Authors will be informed about the oral/poster decision by February 28, 2017. The paper format will be available on the Conference website **Other information** (starting with February 28, 2017). Authors will indicate the presenting author in the submitted paper.

Alexandru Aldea Andrei Bălă Dan Bătea Uleana Calotescu Virgil Breabăn Carmen Cioflan Mihai Budescu Veronica Coltba Sorin Demetriu Dan Dubină Donuț Crăclun Bancone Gabriel Duduc Benone Gabriel Duduc	Scientific Committee		Organising Comm	nittee	
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