

**URBAN  
INCD  
INCERC**



Ministerul Cercetării și Inovării

**INCD URBAN-INCERC**

**SUCURSALA  
CLUJ-NAPOCA**

**25 octombrie 2017**  
conferință aniversară  
ora 10<sup>00</sup>

**26 octombrie 2017**  
conferință internațională  
ora 10<sup>00</sup>

**55**

**CERCETĂRILE APLICATIVE**  
cheia dinamicii dezvoltării sustenabile  
în piața construcțiilor

Cea de-a XIII-a ediție a conferinței naționale va fi găzduită de Cluj Arena,  
Aleea Stadionului nr. 2, Cluj-Napoca, 400375, România  
Tel: +4.0264.425.462, e-mail: urban-incerc@incd.ro; www.incd.ro; conf.incd.ro.

## Second Call

- NIRD URBAN-INCERC organizes the **13th edition of the research conference on constructions, economy of buildings, architecture, urban and territorial development**
- NIRD URBAN-INCERC Branch of Cluj-Napoca organizes the **conference dedicated to its 55th anniversary**

# APPLIED RESEARCH, KEY FOR SUSTAINABLE DEVELOPMENT DYNAMICS IN THE CONSTRUCTION MARKET

**25-27 October 2017**



## SPECIAL GUEST

**Prof. dr. Michael GRANTHAM**

*Visiting Professor at the University of Leeds, Editor in Chief of Case Studies in Construction Materials, Consultant for Sandberg LLP and Past President of the Institute of Concrete Technology. Dr. Grantham is also Director and Chair of “Concrete Solutions” who organize the well-known International Conference on Concrete Repair.*

will talk on:

**“Sustainable, Durable Concrete – are specifications always fit for purpose?”**

**The event** will be organized by the National Institute for Research and Development in Constructions, Urbanism and Sustainable Spatial Development URBAN-INCERC and its Cluj Napoca Branch, and hosted by Cluj Arena, Aleea Stadionului nr. 2, jud. Cluj, Romania. **The objective** of the conference is to present the newest studies in constructions, economy of buildings, architecture, urban and territorial development, focusing on Cluj Napoca Branch and especially on the connection between applied research and the construction and planning market. The attendance is restricted to registered participants, regardless of presenting a paper or not. **Registration** is free of any charge and can be done **only** via the Internet, at <https://docs.google.com/forms/d/1FsklBwD5Aro5wciJp0knSXnMVwZebr61nH7wR9Y888Y/viewform>

**The papers** will be delivered either as posters displayed around the conference room or oral presentations, not to exceed 15 minutes, in moderated sessions. To present an oral communication or poster, each participant must register no later than **6 October 2017**.

In addition to it, NIRD URBAN-INCERC offers attendants the chance to submit their work (abstracts and full papers) to its publications, available at <http://pub.incd.ro/>, as described below. The order of publications in the list corresponds to increasing value and exigencies. In any case, publication is **conditioned** by the **acceptance of reviewers** and **strict observance of guidelines**.

- **Abstracts** (written in English and Romanian by the Romanian authors and English by the foreign authors) are published in “*Conferința de cercetare în construcții, economia construcțiilor, urbanism și amenajarea teritoriului. Rezumate ale lucrărilor*” (Research conference on constructions, economy of constructions, architecture, urbanism and territorial development. Abstract Proceedings), Vol. 13, ISSN 2343-7537, indexed by Ulrich’s Web, ProQuest and Europa World of Learning / Routledge – website: <http://pub.incd.ro/AP/index.htm>. The deadline is **29 September 2017**.

- **Full proceeding papers** are published in “*Lucrările conferinței de cercetare în construcții, economia construcțiilor, urbanism și amenajarea teritoriului*” (*Paper proceedings of the research conference on constructions, economy of constructions, architecture, urbanism and territorial development*), vol. 13, ISSN 2393-3208, indexed in *CiteFactor*, *ProQuest*, *Sherpa/RoMEO* and *Ulrich’s Periodicals Directory* – website: <http://pub.incd.ro/PP/index.htm>. The deadline is **29 September 2017**.
- **Full articles** are published in the journal *Constructions*, ISSN 1221-2709 (indexed with 31 databases and libraries) – websites: <http://constructii.incerc2004.ro/> and <http://pub.incd.ro/C/index.htm>. The deadline is **6 October 2017**.
- **Full articles** are published in the journal *Urbanism. Architecture. Constructions*, ISSN 2069-0509 (indexed with 42 databases and 80 libraries – websites: <http://uac.incd.ro/EN/> and <http://pub.incd.ro/UAC/EN/index.htm>). The deadline is **6 October 2017**.

In order to provide each attendant a copy of the Abstract and Paper Proceedings, no submissions will be accepted for publication after the deadline, although participants registered after 6 October 2017 will be allowed to present their work. The deadlines for journals can be extended. In choosing the journal, civil engineers must account for the fact that *Constructions* requires very technical papers, with a rigorous mathematical substantiation proved by equations, and describing experimental results, while *Urbanism. Architecture. Constructions* has a broader audience and accepts more general papers, which do not necessarily include equations or experimental results. Furthermore, *Urbanism. Architecture. Constructions* requires authors a rich bibliography, including at least 25 titles, out of which 95% should be published (journal articles, books and book chapters) and at least 80% should be ISI or Scopus journal articles, and strictly enforces the observance of Author Guidelines.

### Guidelines

Please do not submit any document, such as Power Point presentation, to the organizers. The only documents that can be submitted are the abstracts and full papers. The only acceptable format is Word 2003 or previous (DOC). **Documents submitted in other formats (DOCX, PDF) will not be taken into consideration.**

**Posters** will be sized A0, use the layout available at <http://conf.incd.ro/Doc/Sablon.ppt> and include the name of conference, title, authors and affiliations, followed by the contents structured using the following sections: 1. *Context*, 2. *Materials and methods*, 3. *Results and discussions*, 4. *Conclusions*. If this structure is not suitable, the second and third chapters can lack or be replaced.

**Published materials** (abstracts, proceedings papers and articles) must meet the Author Guidelines specified on each publication’s site. Non-compliance results in an automatic rejection from publication, although authors can present their work (poster or oral) in the conference.

**Language.** Romanian authors will draft their presentations and full proceedings papers in Romanian or any foreign language, abstracts in Romanian and English. Foreign attendants will write the abstracts in English, implying a permission given to the organizers for translating them in Romanian, if needed (based on the attendance), and full proceedings papers in English. Full journal papers will be submitted in English for *Constructions* and English or French for *Urbanism. Architecture. Constructions*.

**Contact persons:** Alexandru-Ionuț PETRIȘOR, PhD, PhD, Habil. (Scientific Conference only), e-mail: [conferences@incd.ro](mailto:conferences@incd.ro); Monica COSMA, e-mail: [conferences@incerc-cluj.ro](mailto:conferences@incerc-cluj.ro), phone +40744-926169; **website:** <http://conf.incd.ro/>

## Conference calendar

<i>Abstract &amp; Paper Proceedings submissions</i>	<i>Registration</i>	<i>Journal submissions</i>	<i>Conference Program</i>	<i>Conference</i>
29 September 2017	6 October 2017	6 October 2017	20 October 2017	25-27 October 2017

## Tentative schedule

25 October 2017	Registration Anniversary event of NIRD URBAN-INCERC Cluj Napoca <ul style="list-style-type: none"><li>• Speeches</li><li>• Award ceremony</li></ul> Lab visits, exhibitions
26 October 2017	Registration Opening session Parallel sections <ul style="list-style-type: none"><li>• Constructions, economy of buildings</li><li>• Architecture, urban planning and territorial development</li><li>• Posters</li></ul> Lab visits, exhibitions
27 October 2017	<ul style="list-style-type: none"><li>• Guided pedestrian tour of Cluj-Napoca (free)</li><li>• Optional tour by bus (7 hrs., fee – 150 RON – paid at registration): Cluj-Napoca (Village Museum) – Chinteni – Bobâlna (monument commemorating the peasants' riot) – Recea Cristur (European bison farm) – Bonțida (Banfy Palace) – Ceanu Mare (Holy Trinity Monastery) – Turda Salt Mine</li></ul>

## Organizing committee

### Presidents

Arch. Vasile MEIȚĂ, PhD, Habil.

Eng. Henriette SZILAGYI, PhD

### Members

Mihaela SANDU  
Carmen Elena ȚIGĂRAN

Georgiana Diana TĂMÎRJAN  
Iulian Cristian BANCIU  
Monica COSMA

Nela ZORILESCU  
The Administrative Compartment

## Scientific / Program Committee

### President

Eng. Emil-Sever GEORGESCU, PhD

### Members

Arch. Vasile MEIȚĂ, PhD, Habil.  
Eng. Iolanda Gabriela CRAIFALEANU, PhD  
Eng. Claudiu Sorin DRAGOMIR, PhD  
Geogr. Alina HUZUI, PhD  
Ec. Silviu LAMBRACHE  
Eng. Claudiu Lucian MATEI, PhD  
Eng. Cristian PETCU, PhD  
Eng. Horia PETRAN, PhD

Eng. Irina POPA, PhD  
Eng. Adrian SIMION, PhD  
Eng. Vasilica VASILE  
Eng. Marta Cristina ZAHARIA, PhD  
Arch. Constantin CHIFELEA  
Eng. Henriette SZILAGYI, PhD  
Eng. Carmen Silvia DICO  
Eng. Mircea PĂSTRĂV, PhD  
Eng. Constantin MIRON, PhD  
Eng. Aurelian GRUIN

### Collaborators

Eng. Johann NEUNER, PhD  
Eng. Cristian PAVEL, PhD  
Eng. Pietro ELISEI, PhD  
Arch. Ana-Maria DABIJA, PhD  
Arch. Mircea GRIGOROVSKI, PhD  
Eng. Adrian Mircea IOANI, PhD  
Eng. Călin MIRCEA, PhD  
Eng. Cristina Mihaela CĂMPIAN, PhD  
Eng. Virginia-Graziela GUSLICOV, PhD  
Eng. Mircea BEJAN, PhD  
Eng. Gheorghe BADEA, PhD  
Chem. Ion SANDU, PhD

Geogr. Ioan IANOȘ, PhD  
Ec. Florin Marian BUHOICIU, PhD  
Lt. col. eng. Florin NEACȘA, PhD  
Eng. Silviu-Mihai PETRIȘOR, PhD  
Eng. Ghiță BÂRSAN, PhD  
Ecol. Alexandru-Ionuț PETRIȘOR, PhD, PhD, Habil.  
Col. eng. Manuel ȘERBAN, PhD  
Eng. Anghel ION, PhD

## Media Partners



**ASCUT**  
CONSTRUIM ÎMPREUNĂ!

Asociația Studenților Constructori  
din Universitatea Tehnică din Cluj-Napoca