

DELEGATE FEES

A full delegate fee of 400 EUR (350 EUR if paid before March 31, 2009) will cover the welcome reception, a copy of the printed proceedings and CD with full papers, lunches and refreshments served during the Symposium, and Symposium dinner. Reduced fee of 250 EUR (200 EUR if paid before March 31, 2009) is available for students.

An optional programme of sightseeing for accompanying persons will also be offered via the Symposium website.

PAYMENT

Online (Credit card)

Please, visit our website www.conference.cz/NICOM3

Bank transfer, debit card and other methods

Please, contact Conference Partners Prague for details.



Faculty of Civil Engineering, CTU Prague

SUPPORTERS



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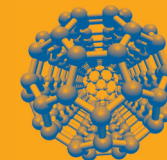
SCOPE AND TOPICS COVERED

Topics listed below are of particular interest, however, contributions dealing with any aspect of nanotechnology in relation to any sector of construction, from architecture and building to civil engineering, are also invited.

- Understanding of internal structures of existing construction materials at nano-scale and their properties at macro-scale (e.g. cements, bituminous polymers, etc.)
- Modification at nano-scale of existing construction materials (steel, cement/concrete, composites). Surfaces and interfaces. Functional films and coatings.
- Production and properties of nanoparticulate materials, nanotubes and novel polymers with existing or potential applications in construction.
- Modeling and simulation of nanostructures. Development of multi-scale numerical models for basic-properties of construction materials (durability, strength)
- Instrumentation, techniques and metrology at nano-scale, applied or applicable to construction materials (nano-indentation, AFM, FIB, ESEM etc.). Performance standards for measurements at nano-scale. Test procedures, sample preparation and interpretation of results.
- Development of novel high performance, self-repairing and smart / intelligent materials / structures (sustainability, eco-impact etc.) by exploitation of nanotechnology. Biomimetic and nano-composite materials.
- Devices applying nanotechnology in development of structural monitoring and diagnostic systems.
- Health and safety issues and environmental impacts related to nanotechnology during research, manufacture and product use. Review of current legislation.
- Societal and commercial impacts of nanotechnology in construction, their predictions and analysis.
- National and international research and development frameworks relevant to nanotechnology and construction. Analysis of achievements and prospects for future.

VENUE

Czech Technical University in Prague, The Czech Republic
<http://www.fsv.cvut.cz>



NICOM3

May 31–June 2, 2009 | Prague, Czech Republic

3rd International Symposium
on Nanotechnology in Construction



CALL FOR PAPERS

Symposium is organized within the Presidency of the Czech Republic to the European Union

ORGANIZED BY
Czech Technical University in Prague



INTRODUCTION

The 3rd International Symposium on Nanotechnology in Construction will be held in Prague from May 31 to June 2, 2009. The symposium is organized by the Czech Technical University (CTU) during the Presidency of the Czech Republic to the EU. Prague, the capital of the Czech Republic, is a romantic city with a uniquely preserved historic core. The symposium venue will be the Faculty of Civil Engineering on the easily accessible Dejvice campus of the CTU. The NICOM 3 Symposium follows the highly successful NICOM 1 (Paisley, UK 2003) and NICOM 2 (Bilbao, Spain 2005) Symposia.

LOCAL ORGANISING COMMITTEE

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Dr Pavel Triik (EMPA, Switzerland)
Prof Franz J Ulm (MIT, Boston, MA, USA)
Dr Johan Vyncke (BBRI, Belgium)
Dr Wenzhong Zhu (UWS, UK)

WHO SHOULD ATTEND?

The Symposium will be of interest not only to academics and material scientists but also to industrial experts, manufacturers, research planning and supporting authorities and R&D representatives. Participation will also benefit anyone who wishes to get informed about up-to-date achievements and perspectives of nanotechnology in construction for strategic planning and investment. It will be a cross-disciplinary event, bringing together R&D experts and users from different fields; all with interest in nanotechnology and construction, but who may not normally meet.

GENERAL INFORMATION

The Symposium will cover three days of the scientific programme. Presentations by speakers including international experts from academia, industry and funding agencies will be complemented by a poster session. Facilities for exhibiting nanotechnology related products and services will be also available. Program of activities for accompanying persons will be offered. All presented contributions will be published in printed Symposium proceedings in full (published by Springer-Verlag). The official language for all contributions will be English.

IMPORTANT DATES AND DEADLINES

| | |
|----------------------------|--------------------|
| Submission of Abstracts | 15th October 2008 |
| Acceptance of Abstracts | 5th November 2008 |
| Submission of Full Papers | 15th December 2008 |
| Early-Bird registration | 31st March 2009 |
| Beginning of the Symposium | 31st May 2009 |

SUBMISSIONS

www.conference.cz/NICOM3

SYMPOSIUM ADMINISTRATOR

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REGISTRATION FORM

Registration can be completed online, at
www.conference.cz/NICOM3

Alternatively, please complete this registration form and payment details overleaf and post or fax it to the address provided below:

Conference Partners Prague Ltd

Sokolská 26, 120 00 Prague 2, Czech Republic
Fax: +420 224 261 703, E-mail: zein@conference.cz

TITLE: Prof / Dr / Mr / Mrs / Miss / other

FIRST NAME:

SURNAME:

AFFILIATION:

MAILING ADDRESS:

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COUNTRY:

TEL.:

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E-MAIL:

I am likely to be accompanied by _____ persons
I am / am not interested in the programme for accompanying persons.
I wish to make an oral / poster / no presentation
I intend to submit an abstract preliminary titled:

Author(s):

Date:

Signature: