

Materials, Systems and Structures in Civil Engineering – MSSCE 2016

In the period 15-29 August a number of doctoral course and conference segments will take place at the Technical University of Denmark under the common umbrella MSSCE 2016. The conference segment described in this folder is part of this major event. MSSCE 2016 includes the following segments:

- Innovation of teaching in materials and structures
- Reliability and safety
- Value of information in structural health monitoring
- Service life of cement-based materials and struct
- Historical masonry
- Electrochemistry in civil engineering
- Moisture in materials and structures
- Concrete with supplementary cementitious mater.
- Frost action in concrete
- Sim. tools in the execution phase of concr. struct.
- Wood and Biobased building materials
- Soils, rocks and geotechnical engineering
- Cold region engineering
- Building materials and indoor environment
- BIM in civil engineering

More information about MSSCE 2016 can be found at

www.conferencemanager.dk/MSSCE2016

Financial sponsors

The Knud Højgaard Foundation and the Larsen & Nielsen foundation are financially sponsoring this event. The aim of the foundations includes promotion of research, development and teaching within the construction area.

RILEM Week 2016

RILEM is the international union of laboratories and experts in construction materials, systems, and structures. RILEM has the aim to promote scientific cooperation. The event described in this folder runs in conjunction with the Annual RILEM Week 2016 (21-24 Aug 2016). The RILEM Week is the highlight of the RILEM calendar each year and includes meetings in many of RILEM's technical and administrative committees. More information about RILEM can be found at www.rilem.net

Scientific sponsor

RILEM is scientific sponsor of the overall conference. This segment of the conference will partly be sponsored by the International Centre for Indoor Environment and Energy (ICIEE.DTU), Danish Institute of Technology (DTI), Danish Building Research Institute (SBI.AAU) and COST Action TU1302, NORM for Building materials



Materials, Systems and Structures in Civil Engineering – MSSCE 2016

Conference segment on

Building Materials and Indoor Environment

Lyngby, Denmark, 21-24 August 2016

Call for papers

Organizing committee

Pawel Wargocki, Lisbeth Ottesen, Bjarne W. Olesen, Technical University of Denmark
Thomas Witterseh, Danish Institute of Technology
Lars Gunnarsen, Danish Building Research Institute (SBI), Aalborg University

Scientific committee

To be announced

Sponsored by

COST Action TU1302
Knud Højgaard Foundation, Denmark
Larsen & Nielsen Foundation, Denmark



Conference segment contents

Building materials have a significant influence on the indoor environmental quality. Emissions from materials will influence the indoor air quality and the requirements for ventilation. Other indoor environmental parameters like acoustic and lighting conditions are influenced by the surface materials used. The conference segment will serve as a platform for dissemination of state-of-the-art knowledge.

Contributions to the conference segment should deal with theory, modelling, or results from experimental investigations with relation to the influence of building materials on the indoor environmental quality. Contributions to the conference segment may be within – but are not limited to – the following topics:

- Emissions from materials
- Indoor climate Testing of materials
- Test standards
- Certification
- Dynamic calculations of material emissions
- Air Cleaning Materials
- Air Cleaning
- Phase change materials
- Acoustic
- Lighting

Participants may have a background as university researchers, PhD students, consultants, architects or producer. The conference language is English.

Publication dates

Submissions for conference presentation and publication in reviewed proceedings need to adhere to the following deadlines:

Abstract due:

30 February 2016

(Acceptance of abstract: 8 March 2016)

Full manuscript due:

20 April 2016

(Paper review notification: 8 June 2016)

Final manuscript due:

8 July 2016

Abstracts should be submitted through the conference home page.

Venue and Time

The general venue of the event is the Technical University of Denmark, Lyngby campus. The conference segment will take place 21-24 August 2016, starting with a common conference opening in the late afternoon of 21 August. The conference segment will be preceded by a DTU-RILEM Doctoral Course 15-19 August 2016 on the same topic as this conference segment.

Technical tours and social activities

Tours are planned to take place on 20-21 August. The tours will involve places of technical and societal interest inside and outside the greater Copenhagen area. The social activities during the conference will include a conference opening reception and a conference dinner

Registration, price and accommodation

The deadline for conference registration is Friday, 8th July 2016 through the conference website. The conference fee covers participation in the MSSCE 2016 conference segment of your choice and includes conference proceedings, refreshments, lunches, conference opening, conference dinner and bus transport, option to present at the registered segment

- Regular participant: EUR 550
- PhD students: EUR 400

Pre-bookings of rooms have been made at hotels in central Copenhagen, however, participants need to make their own accommodation arrangements at these or other hotels. Bus transport between the suggested hotels and the event location will be provided.

Further information

Further information can be found at the MSSCE2016 website

www.conferencemanager.dk/MSSCE2016

- or you may contact the segment responsible:

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