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 structures
- Historical masonry
- Wood science
- 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.
- 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 RIEM's technical and administrative committees. More information about RILEM can be found at www.rilem.net

Scientific sponsor
RILEM is scientific sponsor of the conference along with the Technical University of Denmark, Department of civil Engineering.

Organizing committee
P. Goltermann

Scientific committee
To be announced

Sponsored by
RILEM
Knud Højgaard Foundation, Denmark
Larsen & Nielsen Foundation, Denmark
Conference segment contents
Innovation of teaching in the field of materials and structures is one of the most important activities at a technical university. Innovation is as such required to produce better candidates with constantly less resources available at your university, while at the same time accommodate for the changing requirements.

Contributions to the conference segment should deal with experiences and/or plans for the teaching and learning of topics within the fields of materials and structures.

Contributions to the conference segment may be within but are not limited to the following topics:
- Novel teaching and learning concepts
- E-learning in theory and in practice
- MOOC courses with local activities
- Blended E-learning
- Experimental activities
- Students labs
- CDIO and innovation activities
- Flipped classroom
- Distance learning
- International courses
- Teaching students with different nationalities
- Courses shared by several universities
- Project families, supervision and research

Participants may have a background as university teachers, university researchers, PhD students, or industry specialists. 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: 8 January 2016
(Acceptance of abstract: 29 January 2016)

Full manuscript due: 21 March 2016
(Acceptance of full manuscript: 27 May 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 23-24 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 8-19 August 2016 on different conference topics.

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, a guided Copenhagen city walk and a conference dinner in down-town Copenhagen.

Registration, costs and accommodation
Participants should register before 8 July 2016 through the conference home page. The conference fee covers participation in the conference part and technical tours of MSSCE 2016 and includes conference proceedings, refreshments, lunches, opening reception, conference dinner and bus transport.
- Delegates: EUR 600
- PhD students: EUR 400

Arrangements are made with hotels in central Copenhagen. Bus transport between the hotels and the event location will be provided.

Further information
Further information can be found at the home page of the general event www.conferencemanager.dk/MSSCE2016 - or you may contact the segment responsible:
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