Important dates

Submission Abstract: February 1st 2014

Submission Full paper: May 1st 2014

Registration deadline: July 1st 2014

Conference: 3-5 November 2014

Organising team

Erik Schlangen (chair)
Eddy Koenders
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Scientific committee

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Location

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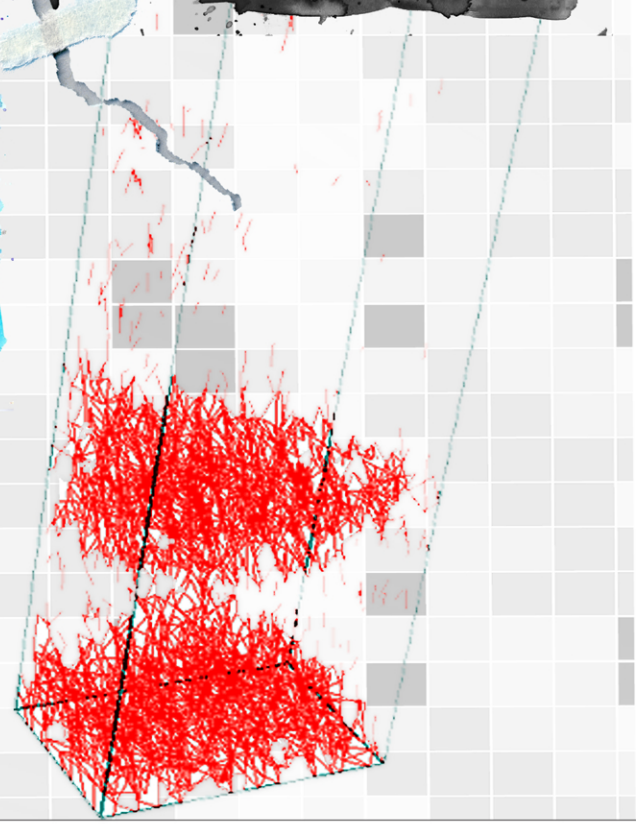
SHCC3

3rd International RILEM Conference on Strain Hardening Cementitious Composites (SHCC3-Delft)

3 – 5 November 2014

Dordrecht, The Netherlands

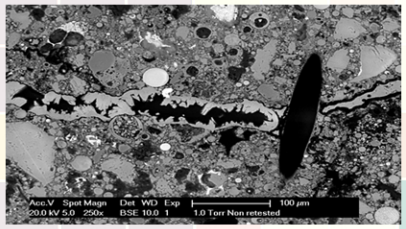


TU Delft Delft University of Technology

RILEM

Strain-Hardening Cement Composites (SHCC) are classes of fibre-reinforced cement-based composites in which crack formation in the cement-based matrix is controlled by fibres bridging cracks to the extent that multiple, closely spaced fine cracks form at increasing tensile deformation and force. RILEM TC-FDS is focussing on the durability afforded to the structural system in service conditions. This must be appropriately modelled and characterised to enable recommendation of rational design guidelines for durability design with SHCC. In addition the TC is dealing with a standard test procedure for such characterisation to verify compliance of a material to specified durability requirements.

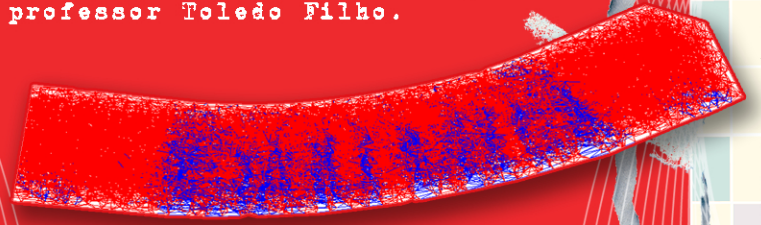
The conference is closely related to the work of RILEM TC-FDS. But other research papers on SHCC are highly welcomed.



The conference covers the latest findings and research works related to cement based composites with a strain hardening behaviour under mechanical loading in the following topics:

- Test methods for mechanical characterization
- Structural design and performance
- Durability characterization and design
- Theoretical considerations and com putationalmethods
- Practical Applications

The conference is the third in the series of SHCC-conferences. The first conference was organised by professor Van Zijl in Stellenbosch, South Africa in 2009 and the second conference was in 2011 in Rio de Janeiro, Brazil organised by professor Toledo Filho.



TU Delft

A fascination for science, design and engineering is the common denominator driving 16.500 bachelor and master students, over 2200 PhD students and 4.700 employees of TU Delft. Delft University of Technology is not only the oldest, but also the largest university of technology of the Netherlands: a university constantly seeking outstanding talent to keep the research and education of this unique institution top-ranked.

www.citg.tudelft.nl/SHCC3

Venue

The workshop will be held at Villa Augustus, Dordrecht, The Netherlands. It will be hosted by the section Materials and Environment of the faculty of Civil Engineering and Geosciences. Delft University of Technology.

Villa Augustus

The hotel is located in the former water tower of Dordrecht.

Looking out from the north-west facing windows in the water tower, you can see the Wantij and follow a part of the major rivers. The rooms on the other side of the water tower look out across the vegetable garden. And from the rooms in the garden, you can step out, directly into the garden. Enjoy your own set of table and chairs bordering the Italian garden.

Dordrecht.The oldest city of that part of the Netherlands known as Holland'. The historic inner city of Dordrecht lies concealed between mighty rivers. The 1000 monuments determine the face of a city which originated almost a thousand years ago.

Villa Augustus Dordrecht

IB-Design 2013