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Presenter

TU Dresden in cooperation with:



The event is supported by RILEM (www.rilem.org), fib (www.fibinternational.org), ACI (www.concrete.org), Deutsche Forschungsgesellschaft (DFG), Deutsche Rheologische Gesellschaft (DRG) e.V. (www.drg-rheologie.de) and DAfStb (www.dafstb.de).

Local organizing committee

Viktor MECHTCHERINE	Martina AWASSI
Shirin FATAEI	Irina IVANOVA
Egor SECRIERU	Venkatesh N. NERELLA

Participants and language

Participants are typically researchers, graduate students, or industry specialists, including material suppliers, consultants and construction experts. Language of the conference is English.

Further information

Further information can be accessed through <http://www.rheocon2019.org> or you may contact us via scc9@tu-dresden.de.

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Second Call

2nd International RILEM Conference
**RHEOLOGY AND PROCESSING
OF CONSTRUCTION MATERIALS
(RheoCon2)**

9th International RILEM Symposium
**SELF-COMPACTING CONCRETE
(SCC9)**

**Dresden, Germany
08-11 September 2019**

Conference contents

The SCC9 Symposium is the follow-up to eight successful international events, all focusing on Self-Compacting Concrete. It will be held in conjunction with the 2nd International Conference on Rheology and Processing of Construction Materials following the RHEOCON1 organized 2013 in Paris.

The aim of these two parallel and closely interconnected events is to exchange ideas and experience about the development, testing, and applications of cement-based and other building materials with their specific rheological properties.

Contributions to the SCC9 Symposium, which is organized in Honour of Prof. Kamal H. Khayat, are expected to cover the latest findings and research in this growing field. They can deal with – but are not confined to – the following topics:

- Material design and materials science;
- Rheology and workability;
- Production and placement;
- Mechanical properties and structural design;
- Durability and sustainability;
- Modelling and numerical simulations;
- Case studies.

In addition to concrete and cementitious binders contributions to the RHEOCON2 cover grouts, renders, plasters, bitumen, paints, and adhesives. For each of the above construction materials, the following aspects are considered:

- Components' properties and characterization;
- Chemical admixtures and mixture design;
- Laboratory and in-situ rheological testing;
- Constitutive models and flow modelling;
- Mixing, processing and casting processes;
- Additive manufacturing / 3D-printing;
- Process induced properties such as fresh state, mechanical or durability properties.

In the conferences also projects from the Priority Program 2005 OPUS FLUIDUM FUTURUM, sponsored by the German Research Society (DFG), will be presented and discussed.

Publications, important dates, costs

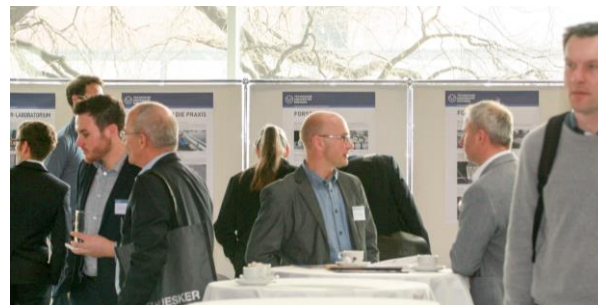
The papers to be published in the conference proceedings will be peer-reviewed. The proceedings will be indexed for inclusion in the major scientific databases. Abstracts should be submitted in electronic form directly on the conference website. Details of abstract and paper formats will be published on conference website in due time.

Abstract due:	30 October 2018
Abstract acceptance:	15 December 2018
Full manuscript due:	15 February 2019
Manuscript acceptance:	15 March 2019
Final manuscript due:	1 April 2019

Submission to via the conference homepage:
www.rheocon2019.org

Fee delegate:	EUR 680	before 1 June 2019
	EUR 780	after 1 June 2019
Fee student:	EUR 390	before 1 June 2019
	EUR 490	after 1 June 2019

The conference fees include conference proceedings, coffee breaks, lunches, welcome reception, conference dinner, and social activities.



In addition to plenary sessions, parallel sessions and poster presentations, a technical exhibition within the scope of the conferences will be organised. Institutions and companies interested in exhibiting are welcome to approach the conference organisers.

Venue

Dresden, host city of the conference and the capital of Saxony, is a special place in many ways: it welcomes its visitors with a unique constellation of the river Elbe and downtown development. You can experience historical Dresden dating back to the Baroque era with its famous sights, such as the *Zwinger*, *Semper Opera*, Cathedral, the *Frauenkirche*, and many famous art collections such as the *Grünes Gewölbe*.



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The *Technische Universität Dresden* is one of 11 German Universities of Excellence designated in June 2012. Its roots date back to 1828. Today, it hosts about 37,000 students, offers academic education in 18 faculties, and serves industry with a vast annual research budget.

The venue of the conference is Radisson Blu Park Hotel & Conference Centre Dresden Radebeul, which is located in the Dresden's leafy suburbs, between the river Elbe and the vineyards. Historical buildings such as *Astroclub Radebeul* and *Villa Kolbe*, as well as *Karl May museum* and *Saxony Wine museum Hoflößnitz* are few of its attractions. This is one of the most popular residential areas of Dresden region. The conference and spa hotel is easily accessible by road, rail or from the airport.