

## Honorary Advisory Committee SCC

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Kamal H. KHAYAT, Chair of SCC 2010, 2016, USA  
Nicolas ROUSSEL, Chair of SCC 2013, France  
Surendra P. SHAH, Chair of SCC 2005, 2008, USA  
Olafur H. WALLEVIK, Chair of SCC 2003, Iceland

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## Presenter

TU Dresden in cooperation with:



The event is supported by RILEM ([www.rilem.org](http://www.rilem.org)),  
fib ([www.fibinternational.org](http://www.fibinternational.org)), ACI ([www.concrete.org](http://www.concrete.org)),  
Deutsche Forschungsgesellschaft (DFG),  
Deutsche Rheologische Gesellschaft (DRG) e.V.  
([www.drg-rheologie.de](http://www.drg-rheologie.de)) and DAfStb ([www.dafstb.de](http://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 professionals. Language of the conference is English.

## Further information

Further information can be accessed through  
<http://tu-dresden.de/bau/fib> or you may contact  
our conference secretary:  
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[www.tu-dresden.de](http://www.tu-dresden.de)

*First Call*

2<sup>nd</sup> International RILEM Conference  
**RHEOLOGY AND PROCESSING  
OF CONSTRUCTION MATERIALS  
(RheoCon2)**

9<sup>th</sup> 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 2<sup>nd</sup> 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 conference 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

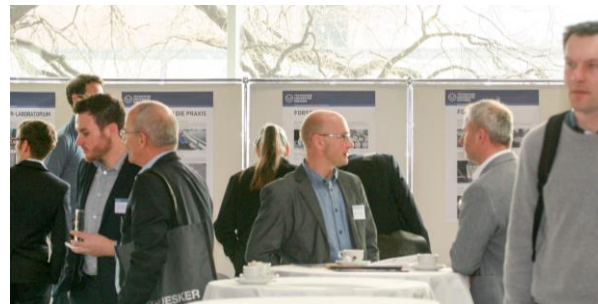
The papers to be published in the conference proceedings will be peer-reviewed. The proceedings will be indexed for inclusion in the major scientific databases. Abstracts should be submitted in electronic form directly on the conference website. Details of abstract and paper formats will be published 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:  
<https://tu-dresden.de/bau/ifb/das-institut/news/scc9-rheo2>

Fee delegate:	EUR 700	before 1 June 2019
	EUR 800	after 1 June 2019
Fee student:	EUR 400	before 1 June 2019
	EUR 500	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 entirely rebuilt *Frauenkirche*, and many famous art collections such as the *Grünes Gewölbe*.



Dresden does not only stand for tradition and culture, but also many construction-technical solutions, which many of us use on a daily basis, were invented here, e.g. the reflex camera or the coffee filter.

The *Technische Universität Dresden*, the conference venue, 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.