

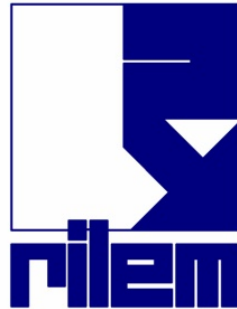
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Presenter



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## Local organizing committee

Viktor MECHTCHERINE  
Christof SCHRÖFL  
Martina AWASSI  
Michaela GORGES  
Steffen MÜLLER

## Participants

Participants may have a background as researchers, PhD students or industry specialists.  
Language of the conference will be English.

## Further information

Further information can be accessed through the event calendar at <http://www.rilem.net>.  
Or you may contact our local conference secretary:

Ms Martina AWASSI  
Institute of Construction Materials  
Faculty of Civil Engineering  
Technische Universität Dresden  
DE-01062 Dresden, Germany  
Phone: +49 351 463 36311  
Fax: +49 351 463 37268  
email: [Conference2014@tu-dresden.de](mailto:Conference2014@tu-dresden.de)



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International Conference

# APPLICATION OF SUPERABSORBENT POLYMERS AND OTHER NEW ADMIXTURES IN CONCRETE CONSTRUCTION

Dresden

14-17 September 2014

## Conference contents

New admixtures for concrete construction emerge and well-known additives are used for new purposes. Superabsorbent polymers, SAP, are a remarkable example of a new additive. SAP enable a distinct control of water and porosity formation. They can be used for several different purposes, such as mitigation of self-desiccation, rheology modification and frost protection of concrete. Other examples of new admixtures covered by the conference theme include:

- Internal curing agents,
- Shrinkage reducers,
- Stabilizers,
- Agents to control the pore system.

Contributions to the conference should deal with insights from experimental studies, theory or modeling where such new, functional additives are used in cement-based construction materials. Contributions may be within – but are not limited to – the following topics:

- Rheology,
- Shrinkage and shrinkage-induced cracking,
- Mechanical properties,
- Durability,
- Chemical and further approaches to characterize the working mechanisms and improve their performance.

Aim of the conference is to exchange ideas and experience in an open forum. Time slots for discussion of the themes and social events are planned to promote an active workshop atmosphere.

## Publication, important dates, costs

All papers to be published in the proceedings will be peer-reviewed. The proceedings will be indexed by the major scientific databases. Abstracts should be submitted in electronic form directly to the conference secretary. Details about the format of full manuscripts will be distributed to the authors of accepted abstracts.

Acceptance of abstract: 15 February 2014

Full manuscript due: 15 March 2014

Acceptance of manuscript: 15 April 2014

Final manuscript due: 1 May 2014

Submission to: [Conference2014@tu-dresden.de](mailto:Conference2014@tu-dresden.de)

Delegates: EUR 450 before 1 July 2014  
EUR 550 after 1 July 2014

PhD students: EUR 250 before 1 July 2014  
EUR 350 after 1 July 2014

Accompanying people, only participation in the social events: EUR 130 (any date)

The conference fee includes conference proceedings, refreshments during coffee breaks, lunches, dinner and social activities.

Please transfer your fee to this bank account:  
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The fee cannot be refunded if the cancellation (in written form) arrives later than 14 days before the start of the conference.

## Venue

Dresden, host city of the conference and capital of Saxony, is a special place in many ways: it welcomes its visitors with a unique arrangement of the river Elbe and the downtown development – a decision made by the Saxon monarch Frederic Augustus II in the 17th century. You can still experience traditional Dresden dating back to the Baroque era with famous sights such as the Zwinger, Semperoper, Kathedrale, the entirely re-built Frauenkirche and many famous art collections (e.g. Grünes Gewölbe).



But Dresden doesn't stand just for tradition in culture and construction – also technical solutions many of us use daily were invented here, e.g. the coffee filter or the reflex camera.

Technische Universität Dresden, the venue of the conference, is one of eleven German Universities of Excellence since June 2012. Its roots date back to 1828. Nowadays, it hosts about 35,000 students, offers scientific education in 14 different faculties and serves the industry with a huge annual budget.