

Scientific Committee

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YOO, D.-Y.
ZANOTTI, C.

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SILVA, F.
SOLA, A.
SORELLI, L.
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VAN ZIJL, G.P.A.G.
YAO, Y.
YOON, Y.-S.

Presenter



TU Dresden in cooperation with:

The event is supported by RILEM (www.rilem.org), fib (www.fibinternational.org), ACI (www.concrete.org), DAFstb (www.dafstb.de), Deutsche Bauchemie (www.deutsche-bauchemie.de)



First Call

**RILEM-fib
XI International Symposium
on Fiber Reinforced Concrete
BEFIB 2024**

**Dresden, Germany
September 15-18, 2024**



Local Organizing Committee

Viktor MECHTCHERINE

Martina AWASSI

Cesare SIGNORINI

Michaela REICHARDT

Dominik JUNGER

Egor IVANIUK

Participants and language

Participants are typically researchers, graduate students, or industry specialists, including material sup-

Conference contents

The BEFIB 2024 is the eleventh edition in a series of international symposiums which are organized every four years and which became the key conference on Fiber Reinforced Concrete (FRC).

The aim of BEFIB 2024 is to present and discuss recent developments in the field of FRC. The conference is intended for an audience of researchers and practitioners world-wide with a background in structural or material engineering. It includes structural and construction engineers, builders and building consultants, construction industry persons, researchers, students, product manufacturers, material suppliers, project managers and contract administrators, asset managers, government authorities of infrastructure development and others.

Contributions to the BEFIB 2024 conference are expected to cover the latest findings and research in the field of FRC, including advanced fiber reinforced concrete materials such as textile reinforced concrete (TRC), high-performance fiber reinforced cementbased composites (HPFRCC), and strain-hardening cementitious composites (SHCC). They may deal with – but are not confined to – the following topics:

- Material design, properties and test methods,
- Rheology and processing, incl. 3DCP
- Structural design and performance;
- Design for durability, Life Cycle Assessment,
- Modelling and numerical simulations;
- Strengthening and repair of existing structures;
- Codes and standards, · Practical applications and case studies.

In the conference, also projects from the CRC/Transregio 280 “Design Strategies for MaterialMinimized Carbon Reinforced Concrete Structures”, the RTG 2250 “Mineral-bonded composites for enhanced structural impact safety”, and Priority Programs 2020 and 2187, sponsored by the German Research Foundation (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

pliers, consultants and construction professionals.

Language of the conference is English.

Further information

Further information can be accessed through www.befib2024.org or you may contact us via befib2024@tu-dresden.de

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website. Details of abstract and paper formats will be published on conference website in due time.

Abstract due:	<i>November 30 2023</i>
Abstract acceptance:	<i>December 15 2023</i>
Full manuscript due:	<i>February 15 2024</i>
Manuscript acceptance:	<i>March 15 2024</i>
Final manuscript due:	<i>April 1 2024</i>
Submission to via the conference homepage:	www.befib2024.org
Fee delegate:	EUR 780 <i>before June 1 2024</i> EUR 880 <i>after June 1 2024</i>
Fee student:	EUR 630 <i>before June 1 2024</i>

The conference fees include conference proceedings, coffee breaks, lunches, welcome reception, conference dinner, social activities and VAT of 19 %.



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

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*, the *Semperoper*, the *Hofkirche*, the *Frauenkirche*, and many famous art collections such as the *Grünes Gewölbe*. In addition to the historical side of Dresden, visitors also have the opportunity to drift through the scene district of *Dresden-Neustadt* with its variety of bars and restaurants.



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The *TUD – Dresden University of Technology* is one of 11 German Universities of Excellence designated in June 2012. Its roots date back to 1828. Today, it hosts about 30,000 students, offers academic education in 17 faculties, and serves industry with a vast annual research budget.

The venue for the conference is the *Dorint Hotel* in Dresden, strategically located in the heart of the city. Its central positioning offers easy access to iconic attractions listed above, the *Gläserne Manufaktur* and the *Deutsche Hygiene-Museum*, and many more. The hotel serves as an ideal gateway for both the historical and contemporary treasures that Dresden has to offer.