Scientific Committee

ANDERS, S.
BANTHIA, N.
BECKMANN, B.
BREITENBÜCHER, R.
CHARRON, J.P.
COLOMBO, M.
CORINALDESI, V.
DENARIE, E.
DING, Y.
FANTILLI, A.P.
FIGUEREDO, A.D.
GIACCIO, G.M.
KABELE, P.
KODUR, V.
LEUNG, C.K.Y.
LUNDGREN, K.
MATTHYS, S.
MECHTCHERINE, V. (Chair)
MINELLI, F.
MOLINS, C.
NEMATOLLAHI, B.
PELED, A.
ROIG-FLORES, M.
SCHEFFLER, C.
SERRA, P.
SIGNORINI, C.
SŁOWIK, V.
SOLEIMANI-DASHTAKI, S.
STANG, H.
VANDEWALLE, L.
YANG, E.-H.
YOO, D.-Y.
ZANOTTI, C.

BALÁZS, G.L.
BARROS, J.A.O.
BOSCHOFF, W.P.
BRÜHWILER, E.
CHUDOBA, R.
CONFORTI, A.
CUENCA ASENSIO, E.
DI PRISCO, M.
DONNINI, J.
FERRARA, L.
GETTU, R.
GRÜNEWALD, S.
KOBAYASHI, K.
KUNIEDA, M.
LI, V.C.
MARK, P.
MAZZOTTI, C.
MESHKE, G.
MOBASHER, B.
NAAMAN, A.E.
NOBILI, A.
PLIZZARI, G.
ROSSI, P.
SCHLANGEN, E.
SHAH, S. P.
SILVA, F.
SOLA, A.
SORELLI, L.
TOLEDO FILHO, R.D.
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)

Local Organizing Committee

Viktor MECHTCHERINE
Cesare SIGNORINI
Dominik JUNGER

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 www.befib2024.org or you may contact us via befib2024@tu-dresden.de

Institute of Construction Materials
TU Dresden, DE-01062 Dresden, Germany
Phone: +49 351 463 36311
Fax: +49 351 463 37268

First Call

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

Dresden, Germany
September 15-18, 2024
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 worldwide 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 cement-based 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 Material-Minimized 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 website. Details of abstract and paper formats will be published on conference website in due time.

Abstract due: November 30 2023
Abstract acceptance: December 15 2023
Full manuscript due: February 15 2024
Manuscript acceptance: March 15 2024
Final manuscript due: April 1 2024

Submission to via the conference homepage: www.befib2024.org

Fee delegate: EUR 780 before June 1 2024
EUR 880 after June 1 2024

Fee student: EUR 630 before June 1 2024

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

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.

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.