SCIENTIFIC PROGRAM

The scientific program features 600–700 presentations across 10 main topics and 49 special sessions. Seven keynote lectures round out the program. Subject-specific sessions provide opportunities for in-depth technical discussions on current research and developments in concrete structures.

COMPETITIONS

Put your ideas to the test, showcase your research, and connect with the international concrete community.

- AI Engineering Workflow Challenge – Rethink engineering with AI
- Concrete Modularity Competition – Build for circularity
- Science Communication Competition – Make your science stand out

Step up, compete, and make an impact!

More information:

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fib-2027.org/competitions/



The green heart of Dresden – the Great Garden | felix – stock.adobe.com

CONGRESS VENUE & ACCOMMODATION

Maritim Hotel & ICD International
Congress Center Dresden
Devrientstraße 10–12 | 01067 Dresden, Germany

Various room categories at the Maritim Hotel can also be booked through the symposium website starting in November 2026.

TICKETS

Tickets for the symposium and the evening event go on sale November 9, 2026. Early-bird pricing for symposium tickets is available through February 28, 2027.

PRESENTATION AND EXHIBITION

Join us as a partner of the *fib* Symposium 2027 and seize a unique opportunity to connect your company or organization with an international community of experts and decision-makers in civil engineering. Various categories are available, each providing tailored visibility and benefits. As presentation and exhibition spaces are strictly limited, your prominent visibility is guaranteed.

ORGANIZERS

TUDIAS GmbH, Dresden, in cooperation with TUD Dresden University of Technology (Institute of Concrete Structures) and *fib* – Fédération internationale du béton, Switzerland

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fib SYMPOSIUM 2027
ReThink Concrete: Structures for a Sustainable Transformation
Dresden, Germany
June 07–09, 2027

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Welcome to Dresden for the *fib* SYMPOSIUM 2027

ReThink Concrete: Structures for a Sustainable Transformation

June 07–09, 2027, Dresden, Germany

TUDIAS BILDUNG . SPRACHE . GEMEINSCHAFT

fib CEB-FIP

Technische Universität Dresden

WELCOME

We warmly invite you to Dresden, where the *fib* Symposium 2027 will take place in Germany for the first time in over 25 years. Dresden, known as the "Florence on the Elbe," offers a unique blend of cultural heritage, Baroque architecture, and green spaces with a vibrant spirit of innovation.

As one of Europe's leading research hubs, the city is home to over 40 research and development institutions, over 10,000 scientists, and approximately 40,000 students, making the city and its surroundings a true center for innovation and scientific exchange.



Baroque splendor in Dresden's old town | Stefan Gröschel

Known as a global hub of the chip industry, Dresden is among the most innovative cities in Europe. The region bridges cutting-edge technology with practical applications, and major breakthroughs in civil engineering have emerged here. Notably, carbon-reinforced concrete was developed in Dresden and brought to practical use, underlining the city's pioneering role in shaping the future of construction.

This unique combination of tradition, science, and forward-looking innovation makes Dresden the ideal setting for engaging discussions, professional exchange, and inspiring experiences.



The CUBE carbon-reinforced concrete house at TU Dresden | Stefan Gröschel

MAIN TOPICS

- Advanced Materials for Concrete Structures
- Structural Design
- Analysis and Modeling
- Innovative Construction and Prefabrication
- Monitoring, Assessment, and Rehabilitation
- Outstanding Structures and Projects
- Developments of Standards and Guidelines
- AI and Digital Tools
- Safety, Resilience, and Sustainability
- Learning from the Past

SYMPOSIUM

The *fib* Symposium will bring together around 800–1.000 international experts, including 600–700 lecturers from across the globe. This prestigious event serves as a platform for scientists, engineers, industry professionals, and stakeholders to exchange knowledge, present research findings, and discuss forward-looking solutions for the future of concrete structures and the concrete industry.

In addition to technical sessions, the event will feature numerous networking opportunities, a diverse trade exhibition, specialized technical tours, and visits to excellently equipped research laboratories. Optional sightseeing tours complete the program.

CULTURAL HIGHLIGHTS AND ACTIVITIES

Historic landmarks: Frauenkirche, Zwinger Palace, and the world-famous Semperoper

Unique atmosphere: Dresden combines baroque splendor with a vibrant modern lifestyle in the picturesque Elbe Valley

Museums & art collections: More than 50 museums and 14 collections within the Dresden State Art Collections, one of the world's most significant museum networks

Performing arts: Over 30 theaters, from small stages to grand venues, offering a diverse cultural scene

World-class music: The Semperoper Dresden, home to the Saxon State Orchestra, renowned for outstanding performances

Lively experiences: A city full of history, art treasures, festivals, and a welcoming atmosphere that attracts millions of visitors each year

River & nature: Boat cruises on the Elbe River and cycling along its scenic banks or walks through one of the great parks and gardens

Excursions nearby: Hiking in Saxon Switzerland National Park; visits to Meissen's world-famous porcelain manufactory, and tours through the Elbe Valley wine region with its centuries-old vineyards