

Please register online

After the Online-Registration you will receive an E-Mail with a link you have to click to confirm the registration process.

Register to our Event-News:
www.beton.org/service/veranstaltungsservice/

www.beton.org/26082022-kassel

Credit-Points

Credit-Points are applied for the Architektenkammer NRW / Architektenkammer Hessen and the Ingenieurkammer-Bau NRW / Ingenieurkammer Hessen. Further Informations will soon be published on our Website.

You can find our privacy terms (Art. 13 und 14 der DSGVO) under:
<https://www.beton.org/datenschutz/>

Location

Kongress Palais Kassel
Kolonnadensaal
Holger-Börner-Platz 1, 34119 Kassel

Date

26.08.2022

Organisation

InformationsZentrum Beton GmbH
Neustraße 1, 59269 Beckum
Telefon 0 25 21 / 87 30 0, E-Mail beckum@beton.org

Conditions of participation

The participation in the event is for free. The organizers reserve the right to change the program for current events and to cancel the event if the number of participants is too low. By registering to participate in the events, you give your consent to the creation and publication of photos in online and print media. Registration closes one week prior to the event.

Hygienic information

The current Corona Protection Ordinance of the State of Hesse applies to participation in our event. The organizers recommend wearing a mouth and nose protector. If there are any changes to the official hygiene protection regulations, we will inform you in good time before the event. Thank you for your understanding.

Teilnahmebedingungen

Die Teilnahme an der Veranstaltung ist kostenfrei. Die Veranstalter behalten sich vor, das Programm aus aktuellem Anlass zu ändern sowie die Veranstaltung bei zu geringer Teilnehmerzahl abzusagen. Mit der Anmeldung zur Teilnahme an den Veranstaltungen erteilen Sie Ihr Einverständnis für die Erstellung und Veröffentlichung von Fotos in Online- und Printmedien. Anmeldeschluss ist eine Woche vor der Veranstaltung.

Hygienehinweise

Für die Teilnahme an unserer Veranstaltung gilt die aktuelle Coronaschutzverordnung des Landes Hessen. Die Veranstalter empfehlen das Tragen eines Mund-Nasen-Schutzes. Sofern sich bezüglich der offiziellen Hygieneschutzbestimmungen noch Änderungen ergeben, informieren wir Sie rechtzeitig vor der Veranstaltung. Vielen Dank für Ihr Verständnis.

Bildnachweis: Alexander Reichele Architekten, Foto: Constantin Meyer, Köln



Concrete Night

Challenges,
Ambitions &
Innovations



26. August 2022,
Kassel

Foreword

Concrete is the world's most used construction material. Due to its relatively easy handling, its ability to be shaped in almost any form, it has excellent strength and durability.

Current global challenges force all of us to rethink the ways we use and use up our surroundings. Preserving raw materials, saving energy, pressures on economical viable space, lead us to rethink our habits. We must challenge the traditional in order to built smarter. We must deploy the properties of concrete differently to meet our needs and challenges.

In other words, we should imaginatively reinterpret concrete as a material for constructing elements, buildings, and structures by tapping into its existing benefits from a different perspective. Our ambition is to push beyond the abundance of concrete and give the world durable structures, that are more inspiring, more considered, with less raw materials, more reusable elements, clever methods for using, re-using or not-using formwork.

During the Concrete Night we present and discuss ambitions und targets for the future of concrete in relation to global challenges and demands. A variety of short presentations will show the ambitions of the Industry, as well as upcoming production- and constructing-technologies of concrete and examples of outstanding construction projects.

On this evening we will also present the winner of the 10th Concrete Design Competition on REIMAGINE. Students of architecture, design and engineering explain their view of the potential of concrete's properties. These can be related to inherent material properties, its production process, and to concrete's application in new or existing structures. They may address aesthetic desires, structural systems or fabrication methods and comment on economic realities, sustainability demands or social issues.

We cordially invite you to the Concrete Night in Kassel, where you will be part of the actual discussion on concrete.

Program

- 26. Aug. 2022 Concrete Night – Challenges, Ambitions & Innovations**
Kongress Palais Kassel
- 15.30 - 17.00 Presentations of the Concrete Design Competition Master Class on REIMAGINE**
Open event. Interested guests are cordially invited.
- 18.00 - 18.30 Registration Concrete Night**
- 18.30 - 18.40 Welcome and Introduction**
Ulrich Nolting, Informationszentrum Beton GmbH
- 18.40 - 19.00 Introducing Masterclass Concrete Design Competition**
Siebe Bakker, bureaubakker, Delft/NL
- Introduction format evening**
Siebe Bakker, bureaubakker, Delft/NL
- SETTING THE SCENE – CHALLENGES, AMBITIONS & INNOVATIONS:**
- 19.00 - 19.20 Introduction to the German cement- and concrete industry ambitions**
Dr. Christoph Müller
VDZ Technology gGmbH, Düsseldorf
- 19.25 - 19.45 Innovations of the concrete industry**
Gregor Zimmermann
G.tecz Engineering GmbH, Kassel
- 19.45 - 20.00 Intermittent debate**
with critic panel
- 20.00 - 20.30 Break**
- ENGINEERING – STRUCTURES & SYSTEMS**
- 20.30 - 20.50 BIM & AI meets Concrete in Planning and Production**
Prof. Dr. Michael Eisfeld
Eisfeld Ingenieure AG, Kassel
- 20.55 - 21.15 Urban Mining: The urban landscape as a mine**
Julian Biermann
InformationsZentrum Beton GmbH
- 21.15 - 21.30 Intermittent debate**
with critic panel
- ARCHITECTURE – DESIGN & IMPLEMENTATION**
- 21.40 - 22.00 Design and manufacturing of the carbon reinforced concrete building – CUBE**
Dr. Michael Frenzel
TU Dresden
- 22.05 - 22.25 About thin and thick wall structures in monolithic construction with concrete**
Prof. Anca Timofticiuc,
Mensink Timofticiuc Architekten, Berlin
- 22.25 - 22.45 Intermittent debate**
with critic panel
- 22.45 Conclusion, debate & come together**

Beton. Für große Ideen.

