

**BETONTAGE**  
CONCRETE SOLUTIONS



# INNOVATION IN BETON

INNOVATION IN CONCRETE

**PROGRAM**

19 - 21 FEBRUARY 2019, NEU-ULM

# WELCOME

## The stage is set

The Edwin-Scharff-Haus is ready – for three days of training from 19 to 21 February 2019, for 100 specialist talks on building with concrete elements and concrete goods, for 160 innovative exhibitors with product ranges including everything relating to the production of precast concrete elements and for 2,300 industry experts meeting for an exchange among colleagues.

Dr. Peter Kreuz of Förster & Kreuz GmbH is going to look outside the box with his opening talk „Change it when it works!“. Dr. Peter Kreuz is a bestselling author, management consultant and lateral thinker supporting leaders to break up routines, think differently and restore courage, fun and passion to their day-to-day business.

Prof. Harald S. Müller, formerly KTI Karlsruhe, has been an expert in the industry for many years and will speak as co-opener on the topic of „Rethinking building with concrete – innovation and change of a construction method“.

63. BETONTAGE  
CONCRETE SOLUTIONS



Please also pay special attention to Panel 1, „Resource scarcity and saving – Application-oriented research for concrete“, which will present the production of concrete with cements and aggregates of the future and innovative raw materials for new concretes under the heading „Fast forward into the future: Construction materials without coal and steel?“.

In the morning of the second day of the congress, the focus will be on „Serial construction and prefabrication“. Peter Hübner, the President of the Central Federation of the German Construction Industry, will introduce the topic with current aspects and the proposed orientation of the construction industry as a whole. He will be followed by two talks from the practice of precast concrete plants, which will present serial construction for residential building.

Russia will be the guest country for the 63. BetonTage and will present exciting infrastructure and urban expansion projects – executed with precast concrete elements, of course. Discover these and other topics in the program.

*We look forward to welcoming you to Neu-Ulm.*

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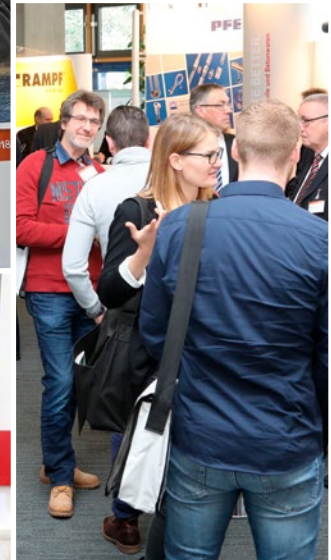
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# 19 FEBRUARY 2019



# PLENARY 1

**Opening of congress and exhibition**

9:00

**Instigating change while success lasts**

*Dr. Peter Kreuz, Förster & Kreuz GmbH, Heidelberg*

**Rethinking building with concrete –**

**Innovation and change of a construction method**

*Prof. Dr.-Ing. Harald S. Müller, Karlsruhe Institute of Technology (KIT)*

**Innovations secure our future –**

**Award of the 2019 Innovation Prize for Structural Concrete Products of the Supplier Industry**

*Prof. Dr.-Ing. Harald Garrecht, University of Stuttgart*

LUNCH AND EXHIBITION VISIT

12:00

# Resource scarcity and saving – Application-oriented research for concrete

# 1

Moderated by *Dr.-Ing. Christoph Müller,*  
*VDZ gGmbH, Düsseldorf*

## 14:00 Fast forward into the future: Construction materials without coal and steel? (Part 1)

### **Cements of the future – which materials can we use?**

*Dr.-Ing. Christoph Müller, VDZ gGmbH, Düsseldorf*

### **Recycled crushed sand as a main constituent of cement**

*Dipl.-Ing. Katrin Severins, VDZ gGmbH, Düsseldorf*

### **Insights into the very early nucleation and crystallization of C-S-H**

*Prof. Dr. rer. nat. Johann Plank, Technical University of Munich, Garching*



## 15:30 COFFEE BREAK

## 16:00 Fast forward into the future: Construction materials without coal and steel? (Part 2)

### **Resource-efficient green concretes with limestone dust**

*Prof. Dr.-Ing. Carl-Alexander Graubner, Dr.-Ing. Moien Rezvani, Dr.-Ing. Tilo Proske,*  
*Darmstadt University of Technology*

### **Innovative precast elements made from secondary raw materials – Report on the ScRaMCo EU research project**

*Prof. Dr.-Ing. Christian Glock, Molham Kassoum, M. Sc., Kasem Maryamh, M. Sc.,*  
*Kaiserslautern University of Technology*

### **Concrete without cement – Geopolymer concrete for precast construction**

*Dr.-Ing. Stephan Uebachs, Brameshuber + Uebachs INGENIEURE GmbH, Aachen*



# EVENING EVENT

## 19 FEBRUARY 2019



### *Doors open*

at 19:00

### *Reception*

Followed by buffet, music and talks at the Hotel Maritim Einstein Hall



# 20 FEBRUARY 2019





# PLENARY 2

## Construction industry and prefabrication – Potentials of serial construction

9:00

*Dipl.-Ing. Peter Hübner, Federation of the German Construction Industry, Berlin*

## Modular construction using smart concrete

*Hermann Stegink, Solid.box GmbH, Heek*

## From dull prefab blocks to sophisticated architecture – Serial housing construction with precast elements: Steinzeugpark Bretten

*Peter Harsch, M. A., Dipl.-Ing. (FH) Arch. Sven Battenhausen, Harsch Bau GmbH & Co. KG, Bretten*

COFFEE BREAK

10:30



## GUEST COUNTRY RUSSIA

11:00

## Construction and construction materials industry in Russia – Current state and development trends

*Dr. Eduard Bolshakov, ALIT Group and Russian Union of Builders for Cement. Concrete. Dry Mixtures, St. Petersburg*

## New housing construction in Russia – Current projects and prospects

## Construction of the Western High Speed Diameter motorway in Saint Petersburg

*PhD Denis Gerchin, Scientific Research and Design Institute of Transport Infrastructure, St. Petersburg*

LUNCH AND EXHIBITION VISIT

12:00

## From research to practice

Moderated by Prof. Dr.-Ing. Dr.-Ing. E. h. Manfred Curbach,  
Dresden University of Technology

- 14:00 Update on research into carbon-reinforced concrete: Environmentally friendly, recyclable and easy to use**  
Prof. Dr.-Ing. Dr.-Ing. E. h. Manfred Curbach, Dresden University of Technology

**Structural and deformation behavior of precast carbon-reinforced concrete beams in large-scale tests**  
Prof. Dr.-Ing. Josef Hegger, Jan Bielik, M. Sc., RWTH Aachen University

**Knowledge transfer in the construction industry – New products for urban structures**  
Dr.-Ing. Udo Wiens, German Committee for Structural Concrete, Berlin

**3D concrete printing – Requirements for raw materials and materials testing**  
Prof. Dr.-Ing. Viktor Mechtcherine, Venkatesh Naidu Nerella, M. Sc., Dresden University of Technology

15:30 COFFEE BREAK

- 16:00 Reinforced concrete components manufactured in the SC3DP (Shotcrete 3D-Printing) process: Merging material efficiency with cost effectiveness**  
Prof. Dr.-Ing. Harald Kloft, Braunschweig University of Technology, iTE

**Concrete printing – Architectural design freedom lies in the detail**  
Daniel Nyman, M. Eng., Prof. Dr.-Ing. Wolfgang Breit, Kaiserslautern University of Technology



20 FEBRUARY 2019  
18:00 - 20:30  
EDWIN-SCHARFF-HAUS



# FAIRbinden

*get-together of a special kind*

# BETONTAGE AT A GLANCE



## Congress venue

Congress Center Edwin-Scharff-Haus  
Silcherstrasse 40, 89231 Neu-Ulm, Germany

## Exhibition opening hours

19 + 20 February 2019: 8:00 - 18:00  
21 February 2019: 8:00 - 15:00

The congress office can be reached from 18 to 21 February 2019:

Phone +49 731 705050-830

## Registration

To register for the event, please use either the enclosed form or the online form provided at [www.betontage.com/technical-program](http://www.betontage.com/technical-program).

ADMISSION FEE	EARLY BIRD until 12 Jan 2019	STANDARD until 10 Feb 2019	DAY TICKET counter
1 day	EUR 250.00	EUR 280.00	EUR 310.00
2 days	EUR 440.00	EUR 480.00	EUR 530.00
Evening event	EUR 75.00	EUR 80.00	EUR 85.00

When registering after 10 February 2019, you will receive your name badge directly at the Edwin-Scharff-Haus.

### **By train**

Enjoy the comfort of traveling by train to the BetonTage congress. The nearest ICE train station is Ulm Hauptbahnhof (Main Station). From there, take a taxi to get to Edwin-Scharff-Haus in just ten minutes.

### **By plane**

The nearest airport is Stuttgart. From there, use either public transport and Deutsche Bahn to get to Ulm Main Station or hire a car for your onward journey.

### **By car**

See the details provided in the "Travel and accommodation" section at [www.betontage.com](http://www.betontage.com) for more information on traveling by car, directions and available parking facilities.

### **Accommodation**

Use our hotel reservation form provided at [www.betontage.com/hotel](http://www.betontage.com/hotel) to book your overnight stay. We recommend to book your room as early as possible as the number of available rooms is limited. Take advantage of our complimentary shuttle service between the hotel and the BetonTage congress venue.

### **Name badge**

The congress documents handed to you when registering at the congress office will include a name badge. Please be sure to always wear your name badge in a well visible place during the event.

### **Exhibition**

Use the accompanying exhibition to establish valuable contacts with 160 innovative companies from the engineering, software and supplier industries. The complete list of exhibitors is available at [www.betontage.com/exhibition](http://www.betontage.com/exhibition).

### **Market of media**

Publishers, industry associations and partner organizations of the precast industry will showcase their range of offerings at the market of media.

### **Café BFT**

Café BFT will be run by our media partner, the BFT INTERNATIONAL Concrete Plant + Precast Technology magazine. Use your break to network while enjoying a range of coffee specialties.

### **Simultaneous interpretation service**

The congress language is German. Simultaneous interpretation into English will be provided for the first and second-day plenary sessions and panels 1 and 5. Headsets and receivers will be available at the congress venue.

***For the complete program in German, please visit [www.betontage.de/fachprogramm](http://www.betontage.de/fachprogramm).***

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of Builders



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Organizer of the  
BIBM-Congress 2020  
in Copenhagen



Co-organizer of  
BetonTage asia  
in Shanghai and Chengdu



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