

20 - 22 FEBRUARY 2018, NEU-ULM

**BETONTAGE**  
CONCRETE SOLUTIONS



**PROGRAM**

VORFERTIGUNG - ZUKUNFT DES BAUENS  
PREFABRICATION - THE FUTURE OF BUILDING



# WELCOME

**41X - Australian Institute  
of Architects in Melbourne**  
Guest country Australia

The construction industry is facing huge challenges as there is a considerable gap to be closed in terms of new residential developments, particularly in urban agglomerations. Furthermore, a major part of the country's infrastructure comprising bridges, roads and canals is in dire need of rehabilitation – its upkeep is essential for both the economy and the population. Finally, public spaces, administrative and commercial buildings must comply with the requirements of sustainable construction. The precast industry manufactures products that provide solutions to respond to all these challenges. "Prefabrication – the future of building" is thus the heading under which the 62. BetonTage congress will be held in Neu-Ulm.

Next year's edition of the congress will feature Australia as the guest country, which is the first non-European country to present itself at the BetonTage and to provide insights into its home market and outstanding architecture with precast concrete.

Take advantage of the target-group-specific specialist exhibition to make or deepen your supplier industry contacts in the areas of engineering, software and accessories. On a total floor area of 1,800 sqm, 160 companies present products and services that relate to your business reality. This density of industry-specific exhibitors is unique – come and see for yourself.

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

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# 20 FEBRUARY 2018



# PLENARY 1

Opening of congress and exhibition

9:00

**Getting certainty from the genes – New methods of genetic diagnostics pave the way to precision medicine**

*Dr. Dr. Saskia Biskup, CeGaT GmbH, human genetics practice, Tübingen*

**Well meant – but well done, too? Thoughts on the sustainability of the German energy transition**

*Prof. Dr.-Ing. Carl-Alexander Graubner, Darmstadt University of Technology*

**Innovations secure our future – award of the 2018 Innovation Prize for Structural Concrete Products of the Supplier Industry**

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

LUNCH AND EXHIBITION VISIT

12:00



## Structural precast 1 – Built examples, technical concepts

# 3

Moderated by: Dipl.-Ing. Christian Drössler,  
German Association for Precast Concrete Construction, Bonn

### 14:00 EASTSITE Mannheim – Design and construction of sandwich façades from textile-reinforced concrete

Prof. Dipl.-Ing. Dominik Wirtgen, Fischer Architekten GmbH, Mannheim  
Dipl.-Ing. Christoph Suttrop, Dreßler Bau GmbH, Aschaffenburg

### Thermally optimized façade design of precast elements using the Design Atlas for Building Construction

Dr.-Ing. Tanja Skottke, Dortmund University of Technology

### Do we need Mandate M/100? – An update on European regulations pertaining to structural precast elements

Dipl.-Ing. Mathias Tillmann, German Association for Precast Concrete Construction, Bonn

### 15:30 COFFEE BREAK

### 16:00 Multifunctional precast elements – “Smallhouse IV” large-scale demonstrator

Prof. Dr.-Ing. Matthias Pahn, Dipl.-Ing. Christian Caspari,  
Kaiserslautern University of Technology

### Modern concretes for precast bridges – State of the art in Germany and internationally

Prof. Dr.-Ing. Dipl.-Wirtsch.-Ing. Oliver Fischer, Nicholas Schramm, M. Sc.,  
Technical University of Munich

### Development of CFRP-prestressed, modular footbridges from carbon-reinforced concrete

Prof. Dr.-Ing. Josef Hegger, Sophia Perse, M. Sc., Dr.-Ing. Norbert Will,  
RWTH Aachen University



# EVENING EVENT

20 FEBRUARY 2018



**Doors open**  
*at 19:00*

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



# 21 FEBRUARY 2018





# PLENARY 2

## **BIM – an opportunity for the construction industry?!**

*Dipl.-Ing. Markus Landgraf, Ed. Züblin AG, Stuttgart*

9:00

## **BIM and precast elements – Hands-on report of a designer and producer**

*Dipl.-Ing. (FH) Volker Koch, Beton-Fertigteil-Union GmbH & Co. KG, Schramberg*

## **1 + 1 + 1 = 4: Added BIMvalue for concrete construction and precast elements**

*Dipl.-Ing. Klaus Teizer, Vollack Gruppe GmbH & Co. KG, Karlsruhe*

COFFEE BREAK

10:30



## **GUEST COUNTRY AUSTRALIA**

### **Precast concrete in Australia: producers, products, projects**

*Sarah Bachmann, National Precast Association, Adelaide*

### **Australian Institute of Architects: 41X Building and more Architecture and design with precast concrete**

*Adrian Stanic, Lyons Architects, Melbourne*

### **Precast production and realization**

*George Spiropoulos, Euro Precast, Melbourne*

11:00



LUNCH AND EXHIBITION VISIT

12:00

## From research to practice

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

### 14:00 The new DAfStb Guideline on ultra-high-performance concrete (UHPC)

#### Part 1: Concrete technology and execution

*Prof. Dr.-Ing. Michael Schmidt, University of Kassel  
Dr.-Ing. Christoph Alfes, German Committee for Structural Concrete, Berlin*

#### Part 2: Design and construction

*Prof. Dr.-Ing. Torsten Leutbecher, University of Siegen*

#### Innovative plasticizers for thermally activated (calcined) clays

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

#### Stainless prestressing steel grades – The solution of choice for prestressed concrete structures subject to chloride exposure

*Prof. Dr.-Ing. habil. Prof. h.c. Ulf Nürnberger, Dr.-Ing. Thomas Rauscher, University of Stuttgart*

### 15:30 COFFEE BREAK

### 16:00 Clinker out, limestone dust in! – Predicting the shrink behavior of concrete containing limestone-based green cements

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

#### Custom true-to-scale structural component tests – Potentials for the precast industry

*Dr.-Ing. Vincent Oettel, Prof. Dr.-Ing. Martin Empelmann, Dr.-Ing. Alex-W. Gutsch, Braunschweig University of Technology*



21 FEBRUARY 2018, 18:00  
EDWIN-SCHARFF-HAUS



# FAIRbinden

**Branchentreff der anderen Art**

# BETONTAGE AT A GLANCE



## Congress venue

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

## Exhibition opening hours

20 + 21 February 2018: 8:00 - 18:00  
22 February 2018: 8:00 - 15:00

## The congress office can be reached from 19 to 22 February 2018:

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 13 Jan 2018	STANDARD until 11 Feb 2018	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 11 February 2018, 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 with 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 3 and 5. Headsets and receivers will be available at the congress venue against deposit of a valid ID.

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

# CONTACTS



## **Exhibition and Registration**

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GmbH

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Under the umbrella of



Deutsche BauZeitschrift



Guest country Australia

Co-organizer of  
BetonTage asia in Shanghai



Partner of the  
„Innovation in Precast Summit“ in Dubai



# BETONTAGE

CONCRETE SOLUTIONS



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