VORFERTIGUNG – ZUKUNFT DES BAUENS
PREFABRICATION – THE FUTURE OF BUILDING
WELCOME
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.
Opening of congress and exhibition

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
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

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
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

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 BIM value for concrete construction and precast elements
Dipl.-Ing. Klaus Teizer, Vollack Gruppe GmbH & Co. KG, Karlsruhe

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

LUNCH AND EXHIBITION VISIT
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

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
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.

<table>
<thead>
<tr>
<th>ADMISSION FEE</th>
<th>EARLY BIRD until 13 Jan 2018</th>
<th>STANDARD until 11 Feb 2018</th>
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<tr>
<td>1 day</td>
<td>EUR 250.00</td>
<td>EUR 280.00</td>
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<td>2 days</td>
<td>EUR 440.00</td>
<td>EUR 480.00</td>
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<td>Evening event</td>
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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 for more information on traveling by car, directions and available parking facilities.

Accommodation
Use our hotel reservation form provided at 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.

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.
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Under the umbrella of Co-organizer of BetonTage asia in Shanghai Partner of the „Innovation in Precast Summit“ in Dubai

Guest country Australia
20 - 22 February 2018

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

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