

PROGRAM
SUSTAINABLE INNOVATION | NACHHALTIGE INNOVATION

Concrete Solutions

55th **BetonTage**

8-10 February 2011, Neu-Ulm

Guest country Switzerland | Gastland Schweiz



WELCOME TO THE 55TH BETONTAGE!

Sustainability has become one of the major factors that determine competitiveness. It is thus crucial for the future success of businesses that they set the right course in this regard. Sustainable growth requires innovative ideas – this holds true also for the precast industry.

Specifiers and architects are increasingly looking for environmentally friendly building materials. The progress achieved in concrete technology determines the degree of sustainability that concrete can provide. “Green concrete” and resource-saving cement grades are just two examples. Yet the potential offered by concrete is still far from being utilized fully.

“Sustainable Innovation” – this is also the theme of the 55th BetonTage congress. Learn more about examples of sustainable innovation and corporate strategies, get in touch with your industry peers, market partners and exhibitors from the supplier industry – get new ideas and inspiration for your day-to-day business.

See you in Neu-Ulm!



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PLENARY 1



9:00

Opening: Words of welcome

10:00

Future management for life entrepreneurs

Dr. Pero Micic, Future Management Group, Eltville

Wasted potential for innovation –
opportunities and demographic challenges

Prof. Dr. Marion A. Weissenberger-Eibl,

Fraunhofer Institute for Systems and Innovation Research (ISI), Karlsruhe

Innovations secure our future

Award of the 2011 Innovation Prize

for Structural Concrete Products of the Supplier Industry

Prof. Dr.-Ing. Hans-Wolf Reinhardt, University of Stuttgart

12:00 - 14:00 LUNCH



PANEL 1



Application-oriented Research for Concrete

Prof. Dr.-Ing. Manfred Curbach, Dresden University of Technology

14:00

The new Model Code for concrete structures – a new concept for building with concrete

Prof. Dr.-Ing. Joost C. Walraven, Delft University of Technology, The Netherlands

The tensile splitting test – new insights and their implications

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

The influence of raw materials on the workability and durability of ultra-high strength concrete

*Prof. Dr.-Ing. Michael Schmidt, Dipl.-Ing. Heiko Möller,
University of Kassel*

15:30 COFFEE BREAK

16:00

Steady systems – superabsorbents in concrete construction

Prof. Dr.-Ing. Viktor Mechtcherine, Dresden University of Technology

State-of-the-art acceleration technologies for precast concretes

Prof. Dr.-Ing. Horst-Michael Ludwig, Bauhaus University of Weimar

17:00

Behavior of high-performance concrete in the event of fire

Prof. Dr.-Ing. Christian Große, Munich University of Technology



EVENING EVENT

from 19:00

Reception at Hotel Maritim, Ulm

Afterwards: buffet, music and talks at Einstein Hall, Hotel Maritim, Ulm



Concrete Future

Distinction of the graduates of the Ulm Bundesfachschule with the Cast Stone Prize for Design, and of each year's best students in skilled industrial occupations



PLENARY 2

Concrete – a Building Material of the Future
at the Age of Renewables
Guest country Switzerland



9:00

Energy supply and sustainability – visions, illusions, scenarios
Dr. Jörg Adolf, Chief Economist, Shell Germany, Hamburg

Sustainable concrete solutions

- Celitement: a possible successor to conventional cement grades? –
Concept, production and properties
Dr. rer. nat. Hendrik Möller, Schwenk Zement, Ulm
- Cementing deep-sea drills – what went wrong in the BP case?
Prof. Dr. rer. nat. Johann Plank, Munich University of Technology
- Precast elements for wind power
Dr. Christian Dehlinger, Ed. Züblin, Stuttgart



10:30 COFFEE BREAK

11:00

Guest country Switzerland



The Swiss construction market – characteristics and particular features
Jörg Berli, BETONSUISSE Marketing, Bern

SwissBeton and the Swiss market for concrete products

*Alexander Antenen,
SwissBeton – Association for Swiss Concrete Products, Hunzenschwil*

Concrete construction in Switzerland – spectacular structures
Dr. Peter Lunk, Holcim (Switzerland), Zurich

12:30 - 14:00 LUNCH

For the accompanying persons program, see page 14.

PANEL 5

From Research to Practice

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



14:00

Low-cement “eco-concretes” for the production of precast elements

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

Cement grades with a low clinker ratio for the concretes of the future

Dr.-Ing. Christoph Müller, German Cement Works Association, Düsseldorf

Fly-ash containing composite cements – high performance and uniformity

*Dr.-Ing. Ditmar Hornung, Dr. rer. nat. Josef Strunge,
Dyckerhoff, Wiesbaden*

15:30 COFFEE BREAK

16:00

Competition on “concrete as an energy storage material” – objectives, results, outlook

Dr. techn. Frank Huber, Zement + Beton, Vienna, Austria

Textile-reinforced concrete – a building material success story: new developments, practical examples

Prof. Dr.-Ing. Manfred Curbach, Dresden University of Technology

Special concretes for tunnel lining segments – concept and practical examples

Prof. Dr.-Ing. Wolfgang Brameshuber, RWTH Aachen

17:15 THAT CERTAIN EXTRA BIT

The human factor – a safety hazard?

Flight captain Manfred Müller, Munich



8 FEBRUARY 2011, 13:30 – 17:00

From “button in the ear” to world success

Who wouldn't know the teddy bear with its “button in the ear”? These stuffed animals are well-known the world over and have accompanied millions of children as they grew up. Margarete Steiff invented this cuddly toy. An extraordinary woman who started out as a seamstress in her own small tailor's shop and finally earned a worldwide reputation against much resistance. Get to know the secrets of her success as you learn more about her life achievement.

9 FEBRUARY 2011, 09:30 – 12:00

The sky is the limit – above the roofs of Ulm

What is Rome to Catholics is Ulm to Protestants because the Ulm cathedral is the largest church in the realm of Protestant Christendom. It has been a landmark of the city for centuries – an epitome of Ulm. The most prominent feature of the Ulm cathedral is its west tower. Its height of 161.53 meters also makes it the highest church tower in the world. After ten years of restoration, the works at the southern choir tower have been completed. Appearing in an almost immaculate shade of white, it creates an appealing contrast to the main and north towers. All the more reason, therefore, to register for our traditional guided tour through the cathedral to have a closer look at this outstanding technical achievement.

Unless otherwise stated, individuals accompanying congress attendees may participate in all accompanying persons program events free of charge. Please use the form specifically provided for registration.

9 FEBRUARY 2011, 14:00 - 17:00

The dream of flying

Today, Albrecht Ludwig Berblinger, known as the “tailor of Ulm”, is considered one of the pioneers in aviation history. Even the scientific award of the German Society of Aerospace Medicine was named after him. However, Berblinger had not always been honored to that extent. “The tailor of Ulm was trying to fly, but was sent down from the sky, dumped into the Danube by the devil.” This is how Berblinger was scoffed at after his failed attempt to fly across the Danube river in 1811, using his “flying machine”. In order not to be exposed to the mockery of his fellow citizens any longer, he left his home town and returned to Ulm only shortly before his death, desperately poor. The tailor of Ulm will appear in person to tell you more about his experience and suffering during that time.

9 FEBRUARY 2011, 18:15 – approx. 21:30

Art meets Jazz

Have a closer look at works of art while listening to music – enjoy a very special jazz night at the Edwin Scharff Museum. Works of classic modern art, the paintings and sculptural objects created by Edwin Scharff, who was born in Neu-Ulm, and the abstract works of Ernst Geitlinger will set the scene for this event. Following a guided tour, enjoy a jazz night in the museum lobby, full of young, vibrant, invigorating music.

(Edwin Scharff Museum is a ten minute walk away from the Edwin-Scharff-Haus congress center)

If you have any questions regarding the accompanying persons program, please call Claudia Epple at +49 711 32732-323.

Guided tours: Kathrin Schulthess
To take part, meet at: Congress office, Edwin-Scharff-Haus

EXHIBITION AND EXHIBITORS' FORUM

The exhibition that complements the congress provides the opportunity to establish direct contacts with all relevant representatives of the engineering, software and supplier industries. This offering will be rounded off by the exhibitors' forum – an event during which latest developments will be presented. For more information and the list of exhibitors, please visit www.betontage.com or get a copy of the BFT INTERNATIONAL Concrete Plant + Precast Technology magazine.

INNOVATION PRIZE FOR STRUCTURAL CONCRETE PRODUCTS

The Innovation Prize for Structural Concrete Products of the Supplier Industry will be awarded jointly with the BFT INTERNATIONAL industry journal. Awards go to innovations in the areas of concrete technology, production engineering, product handling, reinforcement and fastening technology, services, mechanical and system engineering and automation.

www.innovationspreis-betonbauteile.de

MARKET OF THE MEDIA

At the market of the media, renowned publishers present their comprehensive offering of technical literature and journals. Trade associations and partner organizations of our industry display brochures, guidelines and informative publications. As the media partner of the congress, the BFT INTERNATIONAL industry journal will again present itself at Café BFT.

EDUCATION AND TRAINING

Under the umbrella of the Fachverband Beton- und Fertigteilwerke Baden-Württemberg e.V. (FBF; Baden-Württemberg Association of Concrete and Precast Plants) and Dyckerhoff AG, the sponsoring association of the Federal Vocational School for Concrete Workers will award the Cast Stone Design Prize to the best masterpieces submitted by the graduates of the Federal Vocational School in Ulm. The Berufsförderungswerk für die Beton- und Fertigteilhersteller (BBF; Association for the Promotion of Vocational Training among Concrete and Precast Producers) will reward each year's best trainees who completed their apprenticeships in skilled occupations in the concrete and precast industry.



Exhibition and Registration

Rebecca Kliem, B.A.
Phone: +49 711 32732-327
rebecca.kliem@betontage.de



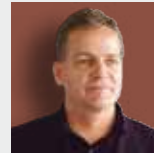
Press Officer

Dipl.oec. Gramatiki Satslidis
Phone: +49 711 32732-322
gramatiki.satslidis@betontage.de



Head of Organization

Dipl.-Betriebsw. (BA) Stefanie Blank
Phone: +49 711 32732-326
stefanie.blank@betontage.de



Director of Technical Program

Prof. Dr.-Ing. Hans-Joachim Walther
Phone: +49 711 32732-326
jochen.walther@betontage.de



Managing Director

Dr. Ulrich Lotz
Phone: +49 711 32732-300
ulrich.lotz@betontage.de



FBF Betondienst GmbH

Gerhard-Koch-Straße 2+4
73760 Ostfildern, Germany

Phone: +49 711 32732-327
Fax: +49 711 32732-350
info@betontage.de
www.betontage.de

ORGANIZER AND REGISTRATION

FBF Betondienst GmbH

Gerhard-Koch-Str. 2+4
73760 Ostfildern, Germany
Phone: +49 711 32732-327
Fax: +49 711 32732-350
info@betontage.de
www.betontage.com

VENUE

The Congress Office is open from 7 to 10 February 2011:

Edwin-Scharff-Haus

Silcherstr. 40
89231 Neu-Ulm, Germany
Phone: +49 731 8008-222
Fax: +49 731 8008-223

EXHIBITION OPENING HOURS

8 February 2011: 08:00 – 18:00
9 February 2011: 08:00 – 18:00
10 February 2011: 08:00 – 15:00

LANGUAGES



The congress will be held in German. Simultaneous interpretation into English will be provided for the first and second day plenary sessions and Panels 1 and 5.

FEES

	until 10 January 2011	from 11 January 2011
1 day	EUR 220	EUR 250
2 days	EUR 390	EUR 440
3 days	EUR 580	EUR 650
Evening event	EUR 60	EUR 65

CONDITIONS OF PARTICIPATION

Upon receipt of your registration, we will send you a confirmation by post together with your invoice. At the Congress Office, you will receive your congress pass and documents upon presentation of your registration confirmation.

For any subsequent changes to your registration, we will charge a processing fee of EUR 25. Any cancellation or registration of substitute attendees must be submitted in writing by 11 January 2011 (date as postmarked), for which we charge a processing fee of EUR 50. No cancellations will be accepted after this date. This also applies to absence due to illness.

If coordinated and approved by us in advance, a registered participant may nominate a substitute upon prior notification.

Congress program subject to change by the organizer.

HOW TO GET THERE

BY CAR

See the map provided at www.betontage.com for directions to Edwin-Scharff-Haus. Please also note that we offer a shuttle service from the Volksfestplatz parking lot at Europastrasse, Neu-Ulm, to the Congress Center. You will find ample parking space at Volksfestplatz.

BY TRAIN

Get the event ticket, a joint offer of FBF Betondienst and Deutsche Bahn, to save on your train fare when traveling to the 55th BetonTage congress! Your event ticket including travel to and from Ulm by train is available at the following special fares:

2 nd class	EUR 99
1 st class	EUR 159

Call the dedicated service line at +49 1805 311153 to book your travel arrangement, mentioning **BetonTage** as the reference.

From Ulm main station, use bus line 7 and leave at Eckstrasse bus stop, or take a taxi to Edwin-Scharff-Haus (approx. 10 minutes).



BY PLANE

The nearest airport is Stuttgart. From there, use either the public transport system to get to Stuttgart central station ("Hauptbahnhof") and take a train to Ulm main station, or continue by rental car.

HOTELS

For a list of hotels in and near Neu-Ulm, see the reverse of the registration form or visit www.betontage.com.

SOCCKER CITY STADIUM, JOHANNESBURG

The façade of the Soccer City Stadium – the landmark of the 2010 Football World Cup in South Africa – was built by Rieder Faserbeton-Elemente GmbH. 40,000 fibreC glass-fiber reinforced concrete panels were produced in African colors and shipped to South Africa.



Under the umbrella of:



Partner:



Guest country Switzerland:

Swiss Beton
Fachverband für Schweizer Betonprodukte
Association pour les produits suisse en béton

BETONSUISSE

Organizer and registration:

FBF Betondienst GmbH

Gerhard-Koch-Straße 2+4

73760 Ostfildern, Germany

Phone: +49 711 32732-326

Fax: +49 711 32732-350

info@betontage.de

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