



ANIPB

Associação Nacional dos Industriais de Prefabricação em Betão

CIRCULAR N.º 115/09

Assunto: DIVULGAÇÃO: 16th International IFF Conference - Métodos e equipamentos para produzir produtos de betão e elementos prefabricados

Caros Associados,

Vimos por este meio divulgar a **16th International IFF-Conference** que terá lugar em Weimar, na Alemanha, nos dias 18 e 19 de Novembro.

Este evento abordará tanto aspectos científicos como comerciais relativos ao tema "**Methods and equipment to produce concrete products and precast elements**". Serão divulgadas as inovações no domínio do betão e dos processos de fabrico de produtos de betão.

Os oradores irão apresentar os últimos desenvolvimentos da investigação efectuada bem como soluções, processos, produtos e serviços inovadores e atractivos. A conferência será acompanhada de uma exposição na qual poderão ter o contacto directo com algumas empresas de renome na área do betão, engenharia e indústria de matérias primas.

Aos produtores de equipamentos e aos produtores e utilizadores de produtos de betão será oferecida uma vasta gama de comunicações das quais se formarão novas ideias, contribuindo assim para preparar a indústria dos prefabricados de betão para futuros desafios.

Juntamos "Convite" e Programa do evento.

Com os melhores cumprimentos,

A Secretária Técnica

(Ana Luísa Soares Pereira)

Lisboa, 16 de Outubro de 2009

**16th International Conference of the
Weimar Institute for Precast Technology and Construction
18 and 19 November in Weimar**

Dear conference attendees,

Working with concrete – the material of our times – requires complete and coordinated, economical solutions. We therefore kindly invite you to this year's international IFF conference. As a forum that covers both scientific and commercial aspects, the 2009 event will focus on

“Methods and equipment to produce concrete products and precast elements”

and present innovations related to concrete and the associated production technology. Expert speakers will inform you of new outcomes in research and development, attractive solutions and innovative processes, products and services. The accompanying exhibition will offer you direct contacts to renowned companies from the concrete, engineering and supplier industries.

Equipment manufacturers and producers and users of concrete products will be provided with a wide range of presentations that will outline diverse ideas to make our industry ready to cope with future challenges. Do use this opportunity to get to know more about most recent developments, interesting applications and service offerings, and demonstrate your performance at the accompanying exhibition. International attendees will be provided with a simultaneous interpretation service from German into English and Russian.

You may also use our networking exchange to receive information on public funds available for your own research and development projects and to attract suitable project partners.

If you have any questions regarding the IFF conference, please call Kerstin Schalling at +49 3643 8684-48 or send an email to k.schalling@iff-weimar.de.

We look forward to welcoming you to Weimar.



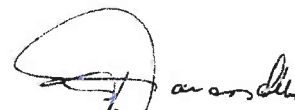
Dr.-Ing. U. Palzer
Institute Director



Dr.-Ing. H. Wächter
Head of Precast Technology



Dr.-Ing. B. Leydolph
Head of Building Materials



Dr.-Ing. B. Janorschke
Head of Precast Construction

Enclosure: Conference programme



Institut für Fertigteiltechnik
und Fertigbau Weimar e. V.

Weimar Institute for Precast
Technology and Construction

16th International IFF Conference

**Methods and equipment
to produce concrete products
and precast elements**

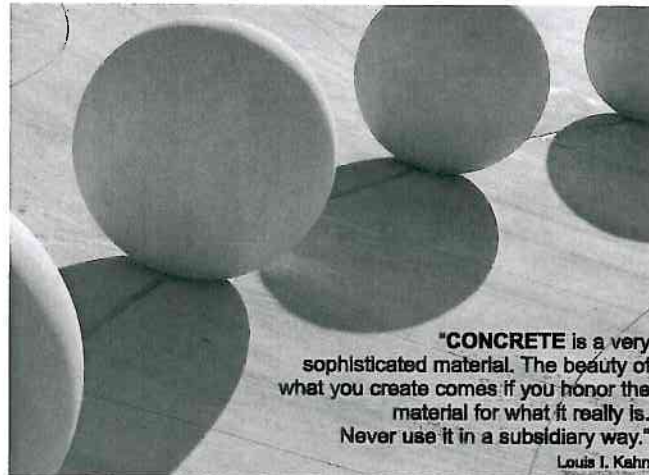
18 and 19 November 2009 in Weimar



Conference programme

16th International IFF Conference
FOREWORD

18 and 19 November 2009 in Weimar



Dear conference attendees,

Concrete, the most commonly used building material of our times, is particularly well-suited to realise visions and trigger emotions like no other material. Theodor Heuss, the first Federal President of Germany, once termed concrete "the building material of our century".

Today we can add that concrete will certainly also be the material of the 21st century.

We aim to develop holistic, coordinated solutions for concrete construction that are easy to handle whilst providing a high degree of flexibility. For this reason, the 16th International Conference hosted by the Weimar Institute for Precast Technology and Construction will focus on machinery and process engineering but also on the ongoing development of concrete performance, as well as on innovations in concrete construction technology.

Concrete plants, manufacturers and operators of construction and building materials machinery and users of concrete products and precast elements need to master the global challenges we are currently facing. For comprehensive solutions aiming to add long-term value for customers are the best way to do business successfully in the future and to consistently contribute to sustainable growth.

16th International IFF Conference
FOREWORD

18 and 19 November 2009 in Weimar

With a view to most diverse requirements and challenges ahead, the international IFF conference to be held on 18 and 19 November 2009 is to provide a new momentum to the industry whilst serving as a platform to present and discuss innovative solutions.

This year again, resource and energy efficiency will be key aspects to be covered - challenges that we will be facing also in the future. This year's conference will concentrate on the complex interactions of

“Methods and equipment to produce concrete products and precast elements”.

The conference will provide useful information in four main areas:



Building materials trends and developments



Processing technology and process engineering



Flexible production equipment and quality assurance



Application of concrete products and precast elements

We are dedicated to **CONCRETE** and hope that you share this passion. We invite all interested experts to establish contacts, to share their experience, to discuss ideas and to get new inspiration for their work with **CONCRETE**.

Enjoy the particular atmosphere of this conference and benefit from the positive sentiment. We look forward to welcoming you to a successful conference!

The Organizing Team

16th International IFF Conference
CONFERENCE PRESENTATIONS

18 and 19 November 2009 in Weimar

WEDNESDAY 18 November 2009	
08.30 a.m.	Coffee reception / registration / visit of exhibition
09.30 a.m.	<p>Welcome and opening</p> <p>Dr.-Ing. Ulrich Palzer Weimar Institute for Precast Technology and Construction</p> <p>Prof. Dr. rer. nat. Christian G. Juckenack State Secretary at the Ministry of Economics, Technology and Labour in Thuringia</p> <p>Stefan Wolf Mayor of the City of Weimar</p>
09.45 a.m.	<p>Keynote speech</p> <p>Energy efficiency for construction and building materials machinery</p> <p>Prof. Dr.-Ing. habil. Günter Kunze Dresden University of Technology, Faculty of Mechanical Engineering, Institute of Processing Machines and Mobile Machinery</p>
BUILDING MATERIALS TRENDS AND DEVELOPMENTS	
Moderated by Dr.-Ing. Ulrich Palzer, IFF Weimar e.V.	
10.15 a.m.	<p>Prologue</p> <p>Development and application of market-driven cements</p> <p>Dr.-Ing. Horst-Michael Ludwig HeidelbergCement AG</p>
	<p>The advantages of the performance approach as applied to the durability of precast concrete products - An example of its application for acid attack</p> <p><i>Presentation in English</i></p> <p>Dr. Patrick Rougeau CERIB (Study and Research Centre for the French Precast Concrete Industry), France</p>
	<p>Steel as a formwork material in the precast concrete industry: corrosion without end or an end to corrosion?</p> <p>Ir. Marco Karman ECORATIO b. v., The Netherlands</p>
	<p>The ongoing development of polymer concretes for primary use in wastewater technology</p> <p>Dipl.-Ing. Karsten Volkman Meyer Rohr + Schacht GmbH</p> <p>Dipl.-Ing. Steffen Schiecke Weimar Institute for Precast Technology and Construction</p>
12.00 a.m.	Lunch break / visit of exhibition
01.00 p.m.	<p>Savings potentials in the re-use of concrete fine sand</p> <p>Dr.-Ing. Barbara Leydolph Weimar Institute for Precast Technology and Construction</p>

16th International IFF Conference
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WEDNESDAY 18 November 2009	
	<p>Concrete admixtures for prefabrication Dr. Michael Kompatscher BASF Construction Chemicals Europe AG, Switzerland</p>
	<p>An Innovative and energy-efficient two-layer system made of aerated concrete Dipl.-Ing. Markus Hoße Xella Deutschland GmbH</p>
	<p>The option and effectiveness of using milled products consisting of crushed concrete waste as mineral additives to concretes and construction mortars <i>Presentation in Russian</i> Dr. Mikhail Bibik Precast Plant No. 1, Open Stock Corporation, Belarus</p>
02.40 p.m.	Coffee break / visit of exhibition
PROCESSING TECHNOLOGY AND PROCESS ENGINEERING	
Moderated by Dr.-Ing. J.-H. Schwabe, IFF Weimar e. V.	
03.00 p.m.	<p>Prologus New options to simulate processes by coupling particle and flow simulation Dr.-Ing. Ulrich Palzer Weimar Institute for Precast Technology and Construction</p>
	<p>Filling systems for sand-lime bricks Dipl.-Ing. (FH) Wolfgang Foerster LASCO Umformtechnik GmbH</p>
	<p>Numerical modeling of self-compacting concrete flow - discrete and continuous approach <i>Presentation in English</i> Dipl.-Ing. Annika Gram CBI Betonginstitutet AB, Sweden</p>
	<p>Current status of concrete production using BHS twin-shaft batch mixers Dr.-Ing. Angelo Schmandra BHS-Sonthofen GmbH</p>
	<p>Application of optimization techniques in particle simulation Dipl.-Inf. Knut Krenzer Weimar Institute for Precast Technology and Construction</p>
05.10 p.m.	End of Day 1 presentation programme
07.30 p.m.	Evening get-together "Felsenkeller" brewery and pub

16th International IFF Conference
CONFERENCE PRESENTATIONS

18 and 19 November 2009 in Weimar

THURSDAY 19 November 2009

**FLEXIBLE PRODUCTION EQUIPMENT AND
QUALITY ASSURANCE**

Moderated by Doz. Dr.-Ing. habil. H. Kuch, IFF Weimar e.V.

09.00 a.m.	Prologue Modelling and simulation in the design of production equipment Dr.-Ing. Jörg-Henry Schwabe Weimar Institute for Precast Technology and Construction
	MIQuaTester – a novel on-line measuring system for the quality assurance of concrete mixes Dr.-Ing. Stefan Gerl Maschinenfabrik Gustav Eirich GmbH & Co. KG
	Influence of pallets on compaction in block machines Dipl.-Ing. Jürgen Martin Weimar Institute for Precast Technology and Construction
	Concrete pumps in precast plants Daniel Breitbach B. A., M. A. Putzmeister concrete pumps GmbH
10.45 a.m.	Coffee break / visit of exhibition
11.15 a.m.	Hearing with one's eyes – sound location using the acoustic camera Dipl.-Ing. Gerhard Czuck Steinbruchs-Berufsgenossenschaft (StBG) Health & Safety, Karlsruhe Division
	Synchronization of external vibrators Dr.-Ing. Andreas Kühnel eviro Elektromaschinenbau & Metall GmbH Elbenstock
	Application of the equilibrium humidity measurement principle in the construction industry Dr.-Ing. Stefan Helbig Materials Research and Testing Facility at Bauhaus University of Weimar
12.30 p.m.	Lunch break / visit of exhibition

16th International IFF Conference
CONFERENCE PRESENTATIONS

18 and 19 November 2009 in Weimar

THURSDAY 19 November 2009

APPLICATION OF CONCRETE PRODUCTS AND
PRECAST ELEMENTS

Moderated by Dr.-Ing. B. Janorschke, IFF Weimar e.V.

02.00 p.m.

Prologue

Developments and trends in precast construction

Dr.-Ing. Barbara **Janorschke**

Weimar Institute for Precast Technology and Construction

**The development of industrial housing construction
in the Republic of Belarus**

Presentation in Russian

Dr. sc. techn. Wladimir **Pillipenko**

NIPTIS Institute, Belarus

Bolted connections in precast concrete construction

Dipl.-Ing. (FH) Gerhard **Krummel**

Peikko Deutschland GmbH

**Alternative reinforcement made of glass-fiber
reinforced plastic (GRP) – options for use in
precast concrete elements**

Dipl.-Ing. Werner **Venter**

Schöck Bauteile GmbH

03.45 p.m.

**Closing of 16th International IFF Conference 2009
and farewell to attendees**

Dr.-Ing. Ulrich **Palzer**

Weimar Institute for Precast Technology and Construction

The accompanying exhibition has become a tradition that forms an integral part of the conference. It will offer you direct contacts to renowned companies from the concrete, engineering and supplier industries. Feel free to use this opportunity to get to know more about current developments, interesting applications and service offerings.

The combined offering including technical presentations, discussions and the exhibition will provide ample space to share your experience and to talk to industry peers in order to come up with innovative solutions to the current challenges in concrete construction.

16th International IFF Conference
TERMS FOR REGISTRATION

18 and 19 November 2009 in Weimar

Please use the form printed on the following page to register for the conference. Send your registration to the organizing office of the 16th International IFF Conference 2009, using the following address:

Institut für Fertigteilechnik und Fertigungsbau Weimar e. V.
Frau Dipl.-Ing. Kerstin Schalling/Frau Heike Becker

Cranachstraße 46
99423 Weimar, Germany

Telephone: +49 3643 8684-0
Facsimile: +49 3643 8684-13
Email: kontakt@iff-weimar.de

The following attendance fees apply:

- One day 180.00 € (plus VAT)
- Entire conference 340.00 € (plus VAT)

Members of IFF Weimar e. V. are granted a 10% discount on the conference fee stated on the registration form.

This fee includes the conference proceedings and meals and drinks during the breaks scheduled in the programme.

A separate amount of 35.00 € (plus VAT) is payable for the attendance of the evening get-together.

The use of an exhibition stand is subject to a separate fee of

up to 6 sqm	90.00 €/sqm (plus VAT)
7 to 12 sqm	80.00 €/sqm (plus VAT)
13 to 24 sqm	70.00 €/sqm (plus VAT)

We are pleased about your interest in the conference and kindly ask you to submit your written **registration by 3 November 2009**.

The attendance fee is due upon receipt of the registration confirmation/invoice.

You may cancel your registration free of charge until 6 November 2009. Any later cancellation is subject to a fee amounting to 50% of the conference fee as stated on your registration form (plus VAT).

Please kindly send a brief written confirmation if you cancel your registration.

16th International IFF Conference
CONFERENCE REGISTRATION

18 and 19 November 2009 in Weimar

Weimar Institute for Precast Technology and Construction

**16th International IFF Conference
18 and 19 November 2009 in Weimar**

I/we attend the 16th International IFF Conference 2009
in Weimar as follows:
(please write legibly using block capitals)

- on 18 November 2009
 on 19 November 2009

.....
First name/name/title

.....
First name/name/title

.....
Company/institution

.....
Address

.....
Telephone/Fax/Email

- | | |
|--|--|
| <input type="checkbox"/> Member of IFF Weimar e. V. | <input type="checkbox"/> Non-member |
| <input type="checkbox"/> For both days 306.00 € | <input type="checkbox"/> For both days 340.00 € |
| <input type="checkbox"/> For one day 162.00 € | <input type="checkbox"/> For one day 180.00 € |
| <input type="checkbox"/> For attendance of evening event 35.00 € | <input type="checkbox"/> For attendance of evening event 35.00 € |

We are interested in using an **exhibition stand** at a price of

- | | |
|---|---|
| <input type="checkbox"/> Member of IFF Weimar e. V. | <input type="checkbox"/> Non-member |
| <input type="checkbox"/> exhibition space up to 6 sqm 81.00 €/sqm | <input type="checkbox"/> exhibition space up to 6 sqm 90.00 €/sqm |
| <input type="checkbox"/> 7 to 12 sqm 72.00 €/sqm | <input type="checkbox"/> 7 to 12 sqm 80.00 €/sqm |
| <input type="checkbox"/> 13 to 24 sqm 63.00 €/sqm | <input type="checkbox"/> 13 to 24 sqm 70.00 €/sqm |

All prices are net of VAT at the applicable statutory rate.

.....
Place, date

.....
Company stamp, signature

To: **IFF Weimar e. V.**
Fax: **+49 3643 8684-13**

Email: **kontakt@iff-weimar.de**

16th International IFF Conference
ROOM RESERVATION

18 and 19 November 2009 in Weimar

Reservation form for Leonardo Hotel Weimar

For your overnight stay, we have pre-booked a limited number of rooms at Leonardo Hotel Weimar until 19 October 2009 under the heading "IFF Conference 2009".

You may use this reservation form to book your hotel room.

.....
Name/first name

.....
Street/number

.....
Postcode/place name

.....
Telephone/Fax

.....
Email

I book one of the "IFF Conference 2009" rooms with binding effect, as follows:

Arrival: Departure:

Single room: 55.00 € per night including buffet breakfast

Double room: 69.00 € per night including buffet breakfast

The room rates stated above include the complimentary use of swimming pool, whirlpool, sauna and exercise room, as well as VAT at the applicable statutory rate. As stipulated by the City of Weimar, you will be charged an amount of 2.00 € per room per night earmarked for the promotion of arts and culture. This amount will be transferred to the municipality.

Arrival after 04.00 p.m.? YES NO

Special requests:
.....
.....

You will receive a booking confirmation.

.....
Place, date Company stamp, signature

Please fax to Leonardo Hotel Weimar: **+49 3643 722-2111**

16th International IFF Conference
HOST/PARTNERS

18 and 19 November 2009 in Weimar

Hosted by



Weimar Institute for Precast Technology
and Construction
Weimar

Partners



German Federal Association for Structural
Concrete Elements (BDB)
Bonn



Association for Construction Equipment
and Building Materials Machinery within the
German Engineering Federation (VDMA)
and Research Association for Construction
and Building Materials Machinery (FVB)
Frankfurt/Main



NIPTIS Institute
Minsk, Belarus



Steinbruchs-Berufsgenossenschaft (StBG)
Langenhagen



German Technical Association for Concrete
and Reinforced Concrete Pipes (FBS)
Bonn



BFT INTERNATIONAL
Concrete Plant + Precast Technology
Gütersloh



CPI worldwide
Cologne

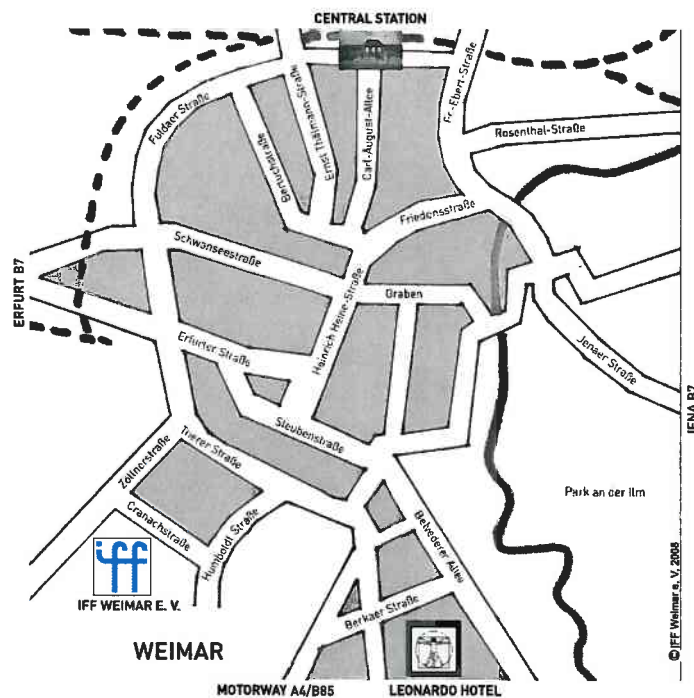
16th International IFF Conference
CONFERENCE VENUE/ORGANIZATION

18 and 19 November 2009 in Weimar

CONFERENCE VENUE

Leonardo Hotel Weimar
Goethe Room

Belvederer Allee 25 • 99425 Weimar, Germany
Telephone/Facsimile: +49 3643 722-0/722-2111



ORGANIZATION

Institut für Fertigteiletechnik und Fertigbau Weimar e. V.
Institute for Precast Technology and Construction
Conference Chairman: Dr.-Ing. Ulrich Palzer

Cranachstraße 46 • 99423 Weimar, Germany
Telephone/Facsimile: +49 3643 8684-0/8684-13
Email: kontakt@iff-weimar.de

We look forward to your attendance and to many interesting discussions at the conference. We wish you a pleasant journey to Weimar.