

D/GB

function meets glass

19-20 September 2016
Düsseldorf – Germany

INTERNATIONAL CONFERENCE ON PRODUCTION AND PROCESSING OF TECHNICAL GLASS

Display | Smart | Touch | Solar | Ultra Thin Glass

www.functionmeetsglass.com

// ORGANIZED BY

OTTI 
glasstec

 [®]
Messe
Düsseldorf

FUNCTION MEETS GLASS 2016

Message from the Conference Chairs

Display, touch, smart and solar glass involve the manufacturing and processing of high-precision thin glass. This creates new challenges and opens large opportunities for the whole glass industry. During the conference, top-ranking representatives of science and industry will show how such products are made at the highest level of quality, under short cycles and with maximum output.

The conference will highlight the product requirements and what special processes are possible with the latest technology. On the first day, the programme will focus on equipment for the processing and finishing of display, solar and switchable glass. Day two will be all about products and the market. Future trends will be presented showcasing the wide range of applications of functional glass - whether it is in façades, windows, vehicles, TVs, touch displays or OLEDs.

You are invited to discuss the development of new business segments and how far emerging business models can create benefits for all parties involved.

Timo Feuerbach, Forum Glass Technology VDMA e.V.

Dr. Jutta Trube, Director Photovoltaic Equipment VDMA e.V.



TARGET GROUPS:

- ◆ Manufacturers of machines and equipment for glass production, processing and refinement
- ◆ Processing industries for flexible, display and solar glass
- ◆ Glass refiners
- ◆ Automotive industry
- ◆ Display producers
- ◆ Solar module manufacturers
- ◆ BIPV-related industries
- ◆ Representatives of the glass industry looking for new business areas, technical novelties and future applications

Top management levels are specifically targeted (CEOs, CTOs), as well as product managers, developers, mechanical engineers, purchasers, sales and marketing professionals of all sectors using technical glass.

PARTNERS:



MEDIA PARTNER:



PROGRAMME

Monday, September 19th, 2016

Production and Processing Technology

12:00 PM

Registration

12:30 PM

Lunch

1:30 PM

Opening Address

Joachim Schäfer (Messe Düsseldorf GmbH)

Conference Chairs

Timo Feuerbach (Forum Glass Technology VDMA e.V.)

Dr. Jutta Trube (Photovoltaic Equipment VDMA e.V.)

1:40 PM

Introductory Overview:

Thin and Ultra-Thin Specialty Glass: Review of Manufacturing, Processing and Applications

Dr. Stephan Behle (SCHOTT AG)

2:00 PM

Laserprocessing of Glass with Function

Dr. Christoph Hermanns (MDI Advanced Processing GmbH)

2:20 PM

Modification of Functional Coatings on Glass with Laser Radiation

Dirk Hauschild (LIMO Lissotschenko Mikrooptik GmbH)

2:40 PM

Vacuum Lamination Process with Diffusion Tight Edge Sealing for Smart Glass Applications

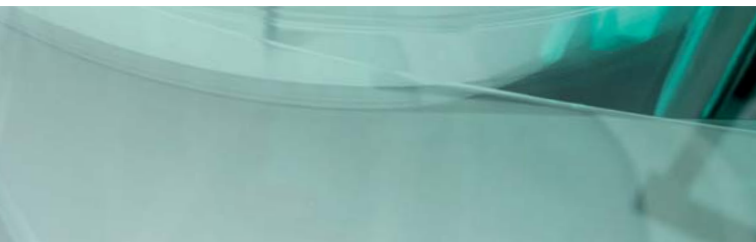
Markus Jandl (LISEC Austria GmbH)

3:00 PM

Questions and Discussion

3:20 PM

Coffee Break



**Dual-Glass Lamination - the New Challenge of the
Module Production**

Michael Essich (Robert Bürkle GmbH)

3:50 PM

Ultrasonic Processing of Glass

Burghard Lein (SCHOTT Diamantwerkzeuge GmbH)

4:10 PM

Processing - Cleaning - Screen Printing of Ultrathin Glass

Jörn Lohmann (BENTELER Maschinenbau GmbH)

4:30 PM

**Preciseness and Capabilities with Ceramic Inkjet
Printers for Industrial Glass Applications**

Andreas Vergeiner

(Durst Industrial Inkjet Application GmbH)

4:50 PM

Questions and Discussion

5:10 PM

End of Day I – Bus Transfer to Opening Reception

5:30 PM

**Opening Ceremony of glasstech and
Dinner at Classic Remise**

6:00 PM



Tuesday, September 20th, 2016

Smart Glass Products, Applications and Markets

- 8:30 AM Registration and Networking Coffee
- 9:00 AM Future Displays – New Challenges for Glass
Prof. Dr. Karheinz Blankenbach (Pforzheim University of Applied Sciences)
- 9:20 AM Key Factors for Successful Thin Glass Production
Stefan Grenzebach (Grenzebach Group)
Werner Rührer (Grenzebach Maschinenbau GmbH)
- 9:40 AM Challenges in Future Glass Machining
Ulrich Schuster (Schröder Spezialglas GmbH)
- 10:00 AM New Generation of Electrochromic Glass: Improving the Human Experience in Buildings
Eloïse Sok (SageGlass®, Vetrotech Saint-Gobain)
- 10:20 AM Questions and Discussion
- 10:40 AM Coffee Break
- 11:10 AM Liquid Crystal Window Technology – Crystal Clear Vision for Architecture
Martin Zitto (Merck KGaA)
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**From the Antique Mirror to the Touch Display –
the Incredible Versatility of Glass**

Robert Flierl (FLABEG Deutschland GmbH)

11:30 AM

**Ultra-Thin Glass is up and Coming – Functionalization
of Large Sized, Ultra-Thin Glass Surfaces**

*Dr. Manuela Junghänel (Fraunhofer Institute for Organic
Electronics, Electron Beam and Plasma Technology FEP)*

11:50 AM

**The Technical Art of Acid-Etching:
Improved Visual & Touch Performance on Big Sized
Touch Displays**

Pasquale Meli (Sevasa)

12:10 PM

Questions and Discussion

12:30 PM

Closing Remarks

12:40 PM

End of Day II

12:45 PM

Networking Lunch Within glasstech Trade Fair Area

1:00 PM

Guided Tour of glass technology live

2:00 PM

*Programme as of May 2016, subject to change. More information
as well as updates at: www.functionmeetsglass.com



ABOUT

OTTI – OSTBAYERISCHES TECHNOLOGIE-TRANSFER-INSTITUT

or Eastern Bavarian Institute for Technology Transfer was founded in 1977 as a registered non-profit organization. Today the institute offers more than 200 events every year covering topics related to renewable energies, applied technologies and management as well as on-demand projects. The institute's success builds on long term close relationships and international networks with and between industry, science, R&D, associations and politics. OTTI's flagship events like the Photovoltaic Solar Energy Conference in Kloster Blanz going into its 32nd edition in 2017 enjoy continuous demand.

MESSE DÜSSELDORF

is one of the leading exhibition venues with a worldwide network for maximum internationality: 71 international representatives and 8 subsidiaries covering 132 countries support exhibitors and visitors, providing comprehensive service. Every two years glasstec is the meeting point for the world of glass with all the players and market leaders from the glass industry, glass engineering and glass crafts. Unique worldwide, it provides a comprehensive picture of the entire glass supply chain process and a top-class ancillary program with special shows and congresses. With 1,217 exhibitors from 51 countries and 42,701 trade visitors from 87 countries in 2014 glasstec is the leading platform for product launches, technology and innovative solutions.

ORGANIZED BY



CONFERENCE CHAIR



Timo Feuerbach

*Forum Glass Technology
VDMA e.V.*



Dr. Jutta Trube

*Director Photovoltaic Equipment
VDMA e.V.*

CONFERENCE COMMITTEE



Michael Essich

*Sales Director Photovoltaics
Robert Bürkle GmbH*



Siegfried Glaser

*Managing Director
Glaser FMB*



BIRGIT HORN

Director

Messe Düsseldorf GmbH



JÖRN LOHMANN

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BERND PORZELIUS

Deputy Head of OTTI Academy

Ostbayerisches

Technologie-Transfer-Institut e.V.

(OTTI)



JOACHIM SCHMID

Forum Glass Technology

VDMA e.V.



PROF. DR. BERND SZYSZKA

Chair

Technology of Thin Film Devices

Technische Universität Berlin

A TRADE FAIR METROPOLIS WITH FLAIR

AS ONE OF THE LEADING INTERNATIONAL EXHIBITION LOCATIONS, DÜSSELDORF COMBINES FIRST-RATE BUSINESS OPPORTUNITIES WITH WARM HOSPITALITY AND MANY THINGS TO DO AND SEE.

INTERNATIONAL SURROUNDINGS – situated in the heart of Europe, the capital of North Rhine-Westphalia is one of its most densely populated business and research areas. The 500 km radius around Düsseldorf – approx. one hour's flight time – is home to 148 million people.

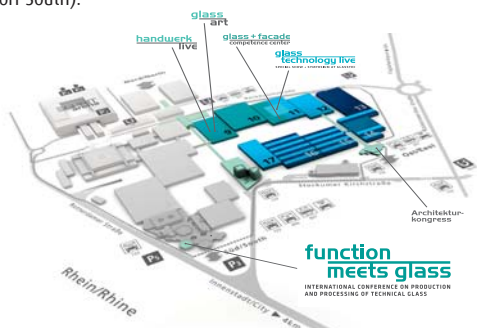
MODERN INFRASTRUCTURE – the Düsseldorf Exhibition Centre is one of the most modern in the world, and offers direct transport links to the main railway station and Düsseldorf International airport. The center also boasts more than 20,000 parking lots and is directly accessible from the A 44 (Highway 44).

A PLEASANT ATMOSPHERE – Düsseldorf offers something to suit every taste. More than 220 hotels, international cuisine, the renowned old town as well as art and cultural highlights, top-quality sights and superb shopping, mean your visit to the exhibition will be a memorable experience.

DIRECTIONS

THE CONFERENCE WILL BE HELD AT CCD SÜD AS PART OF GLASSTEC 2016

By public transport (U78 or U79), please exit at "Messe Ost/Stockumer Kirchstraße". Please take bus number 722 and alight at CCD SÜD (Congress Center Düsseldorf South).



TICKETS

2-day ticket

Per Person (VAT included):

430,00 EUR

Members of partner organizations,
research institutions,

universities and students (VAT included):

345,00 EUR

TICKET SHOP

www.functionmeetsglass.com



CONTACT

PROGRAMME AND ORGANIZATION

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LOCATION, REGISTRATION AND PAYMENT

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TRADE-FAIR

The function meets glass conference ticket grants access to

glasstec

20-23 September 2016

Düsseldorf - Germany

<http://www.glasstec-online.com/>