

09-10 OCTOBER 2013
DÜSSELDORF, GERMANY

SOLAR MEETS GLASS

4TH INDUSTRY SUMMIT
FOR MARKETS, COSTS
AND TECHNOLOGY

ORGANIZED BY:

glasstec
INTERNATIONAL TRADE FAIR FOR GLASS
PRODUCTION • PROCESSING • PRODUCTS

OTTI 

 **SOLARPRAXIS**
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SOLAR MEETS GLASS 2013

GLASS AS A MATERIAL FOR SOLAR PRODUCTION IS OF VITAL IMPORTANCE FOR REDUCING COSTS AND INCREASING EFFICIENCY. ON THE OTHER HAND, THE SOLAR INDUSTRY WITH ITS WORLDWIDE STRONG GROWTH RATES IS AN ATTRACTIVE MARKET FOR THE GLASS INDUSTRY. AS A RESULT, BOTH INDUSTRIES HAVE A STRONG INTEREST IN OPTIMISING COLLABORATION AND FOSTERING CROSS-INDUSTRY COMMUNICATION.

Now in its fourth year, Solar meets Glass is the key international event connecting the solar and glass industries. The collaboration between Messe Düsseldorf, Solarpraxis and its new partner OTTI (Ostbayerisches Technologie-Transfer-Institut e.V.) will now reach more international industry professionals than ever before. Presentations covering many different perspectives promise to capture the audience throughout this premium two-day event.

FEATURED TOPICS:

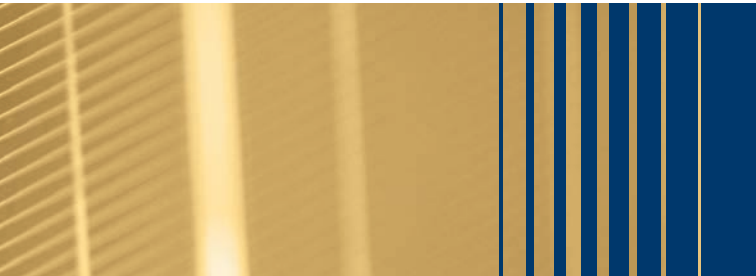
- Industry Updates
- Production Cost and Production Efficiency
- Towards cost efficient and high performance solar applications based on glass
- Industry Panel Solar meets Glass – How can the solar and the glass industry benefit from each other?
- BIPV: Trends and Implications
- New Business Models: Different approaches to succeed in the PV and glass market



TARGET GROUPS:

- Solar module manufacturers for thin-film as well as crystalline PV
- Equipment suppliers from the glass and solar industries
- Automation technology suppliers
- Solar system integrators and manufacturers of mounting systems for PV plants
- Glass manufacturers
- System providers for glass applications and mounting systems for glass
- PV recycling industry
- BIPV-related industries
- Investors, bankers, analysts

Top management levels are specifically targeted (CEOs, CTOs), as well as product managers, developers, purchasers, sales and marketing professionals from glass and solar industry companies and equipment manufacturers.



PROGRAMME

9 OCTOBER 2013

8:30 AM Registration and get-together

9:30 AM Opening

*Hans Werner Reinhard, Executive Vice President,
Messe Düsseldorf*

INDUSTRY UPDATE

Chair: Dr. Harald Binder, CEO, BTC Technologies GmbH

9:40 AM Update on the German and Global PV
and Solar Thermal Markets

Dr. Winfried Hoffmann, President, EPIA

10:10 AM Global Glass Market: Status and Outlook

Prof. Dr. Frank Best, University of Konstanz: tbc.

10:30 AM Chinese Solar Market Update

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10:50 AM Japanese Solar Market Update

*Tetsuro Muramatsu, General Manager, Solar Systems
Development Group, Sharp: tbc.*

11:10 AM Questions and Discussions

11:30 AM Coffee Break

PRODUCTION COST AND PRODUCTION EFFICIENCY*Chair: Dr. Harald Binder, CEO, BTC Technologies GmbH***Roadmap and total cost of ownership****12:00 PM***Prof. Dr. Rutger Schlatmann, Director, PVcomB –
Competence Centre Thin-Film- and Nanotechnology
for Photovoltaics Berlin***Cost Structure Roadmap****12:20 PM***Dr. Axel Metz, SEMI***Innovation, Cost Reduction and new Strategies –
Opportunities and Challenges for PV Equipment Makers****12:40 PM***Dr. Florian Wessendorf, Managing Director,
VDMA Photovoltaic Equipment***Questions and Discussion****1:00 PM****Lunch****1:15 PM****TOWARDS COST EFFICIENT AND HIGH PERFORMANCE
SOLAR APPLICATIONS BASED ON GLASS***Chair: Prof. Dr. Bernd Szyszka, Berlin Institute of Technology***Entire in-line metrology solutions for
PV glass production lines****2:15 PM***Volker Birk, Vice President LayTec***Pros and Cons of 2x2mm vs. 3.2mm/4mm glass
for PV-Modules****2:35 PM***Martin Holzbecher, Product development & Application
Interfloat Corporation***Advanced manufacturing methods towards
cost efficient thin film PV production****2:55 PM***Prof. Dr. Bernd Szyszka, Berlin Institute of Technology*

3:15 PM Modeling and Industrial Application

Dr. Peter Wohlfart, Head of Research and Development, Singulus Technologies AG and Dr. Andreas Pflug, Group Manager “Simulation”, Fraunhofer IST

3:35 PM Organic PV / Roll to Roll

Dr. Pfeiffer, CTO, Heliatek, tbc.

3:55 PM Laser Technologies in the PV Industry

Dirk Hauschild, Director, Materials Processing Solutions, LIMO Lissotschenko Mikrooptik GmbH

4:00 PM Questions and Discussions

**INDUSTRY PANEL SOLAR MEETS GLASS -
HOW CAN THE SOLAR AND GLASS INDUSTRY BENEFIT
FROM EACH OTHER?**

Chair: Dr. Winfried Hoffmann, EPIA

4:15 PM *Guibert De Bonhome, AGC, Brüssel, tbc.*

Dr. Axel Metz, SEMI

Tetsuro Muramatsu, General Manager, Solar Systems Development Group, Sharp

Martin Sträb, Executive Vice President & CMO, Grenzebach GmbH

Dr. Winfried Hoffmann, President, EPIA

6:00 PM End of Day I

6:00 PM get-together

10 OCTOBER 2013

BIPV: TRENDS AND IMPLICATIONS

*Chair: Prof. Dr.-Ing. Thomas Stark, HTWG KONSTANZ,
Department of Architecture and Design,
Energy Efficient Building Group*

Sustainable architecture and the impact of solar technology

*Prof. Dr.-Ing. Thomas Stark, HTWG KONSTANZ, Department
of Architecture and Design, Energy Efficient Building Group*

9:00 AM

The architect - focal point of BIPV marketing.

Heribert Ley, Managing Director, MAGE SUNOVATION GmbH

9:20 AM

Multicolor design solar modules: technological requirements and prospects

*Kevin Füchsel, Fraunhofer-Institute for Applied Optics
and Precision Engineering IOF, Department Optical Outing*

9:40 AM

Multicolor design solar modules: integration in modern architecture and design elements

*Dipl. Ing. Architektur Katharina Esters, Friedrich Schiller
University Jena, Institute of Applied Physics*

10:00 AM

Transparent Solar Modules

*Dipl. Ing. ETH Walter Hofman, Chairman & CEO,
Himex Energy Solutions GmbH*

10:20 AM

Questions and Discussions

10:40 AM

Coffee Break

11:00 AM

**NEW BUSINESS MODELS: DIFFERENT APPROACHES
TO SUCCEED IN THE PV AND GLASS MARKET**

Chair: Dieter Moor, Director Marketing & Sales, ertex Solar

- 11:30 AM** **Organic photovoltaics: integrated, efficient, aesthetic
- technology in future buildings**
*Dr. Andreas Baumann, Group Leader, Bavarian Center
for Applied Energy Research, Dept. of Functional Materials
for Energy Technology, ZAE Bayern*
- 11:50 AM** **Organic photovoltaics: integrated, efficient, aesthetic
- applications and visions**
Hermann Issa, Director BD Marketing Sales, Belectric OPV GmbH
- 12:10 AM** **Low-e glass for solar thermal applications**
*Dr. Federico Giovannetti, Group Leader Head Solar Thermal
Collectors, Institut für Solarenergieforschung Hameln (ISFH)*
- 12:30 AM** **Glass solar thermal collectors for building integration**
Hans Franke, Director, Energy Glas
- 12:50 PM** **Future perspectives for the glass and solar industry**
Dieter Moor, Director Marketing & Sales, ertex Solar
- 13:10 PM** **Questions and discussion**
- 1:15 PM** **Lunch**
- 2:00 PM** **End of Day II**

ABOUT

SOLARPRAXIS AG is one of the most reputable and experienced service providers in the field of renewable energy. Active since 1998 and a pioneer in promoting a global solar age, Solarpraxis AG offers a wide range of trade publications, organizes popular industry conferences worldwide and provides engineering services.

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 Solarenergy Conference in Kloster Blanz going into its 29th edition in 2014 enjoy continuous demand.

MESSE DÜSSELDORF is one of the leading exhibition venues with a worldwide network for maximum internationality: 68 foreign representatives and 13 subsidiaries covering 127 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 1,175 exhibitors from 54 countries and 42,414 trade visitors from 86 countries glasstec is the leading platform for product launches, technology and innovative solutions



CONFERENCE COMMITTEE



DR. HARALD BINDER

CEO, BTC Technologies GmbH



SIEGFRIED GLASER

Owner, Glaser FMB



BIRGIT HORN

Director, Messe Düsseldorf GmbH



DR. THOMAS LUCK

*CEO, Ostbayerisches Technologie-
Transfer-Institut e. V. (OTTI)*



KARL-HEINZ REMMERS

CEO, Solarpraxis AG



JOACHIM SCHMID

*Managing Director, VDMA
Glass Technology*



DR. FLORIAN WESSENDORF

*Managing Director, VDMA
Photovoltaic Equipment*

CONFERENCE VENUE

THE CONFERENCE WILL BE HELD AT THE RADISSON BLU SCANDINAVIA HOTEL, DÜSSELDORF

Enjoy city views from this hotel's spot in Düsseldorf city centre. Only 15 minutes from Düsseldorf International Airport and close to the River Rhine, the Radisson Blu Scandinavia Hotel offers a unique view of this world-class city. Guests will find avant-garde museums and galleries and noted historical and modern architecture. The city is an important European hub, and the hotel's spot in Düsseldorf city centre proves ideal for business travellers.

PARTNERS:



MEDIA PARTNERS:



POWERED BY



COSTS (prices including 19% VAT)

Ticket	895.00 €
Members of partner organisations and glasstec/solarpeq exhibitors	495.00 €

TICKET SHOP

www.solarmeetsglass.com

CONTACT

REGISTRATION AND PAYMENT:

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AND CONDITIONS:

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