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FRAUNHOFER INSTITUTE FOR
BUILDING PHYSICS IBP

The façade of a building is the key interface that determines a building's energy performance, and it is crucial for its quality of use. Today, modern building envelopes are capable of fulfilling a wide variety of tasks, besides merely providing protection against weathering. The most important functions to be named in this context include thermal insulation, control of solar gains, daylight supply, ventilation, noise control and, to a continuously increasing extent, also energy generation (either by using solar thermal collectors or façade-integrated PV systems). Moreover, the façade also essentially determines the architectural appearance of a building, creating its characteristic look and its distinct, individual identity. Our symposium "More than just Façades!" provides a suitable forum for experts to examine and discuss the multifaceted topic of innovative façade solutions. Special importance will be placed upon issues of building physics, focusing on approaches to implement appropriate physical solutions.

Fraunhofer Institute for Building Physics IBP

Building physics is one of the keys to a successful building project. The Fraunhofer Institute for Building Physics IBP focuses its work on research, development, testing, demonstration and consulting in the various fields of building physics. These include noise control and sound insulation in buildings, the optimization of auditoria acoustics and solutions for improving energy efficiency and optimizing lighting technology. Fraunhofer IBP's work also covers issues of climate control and the indoor environment, hygiene and health protection, building material emissions, weatherproofing and protection against heat and moisture, preservation of building structures and the conservation of historic monuments.

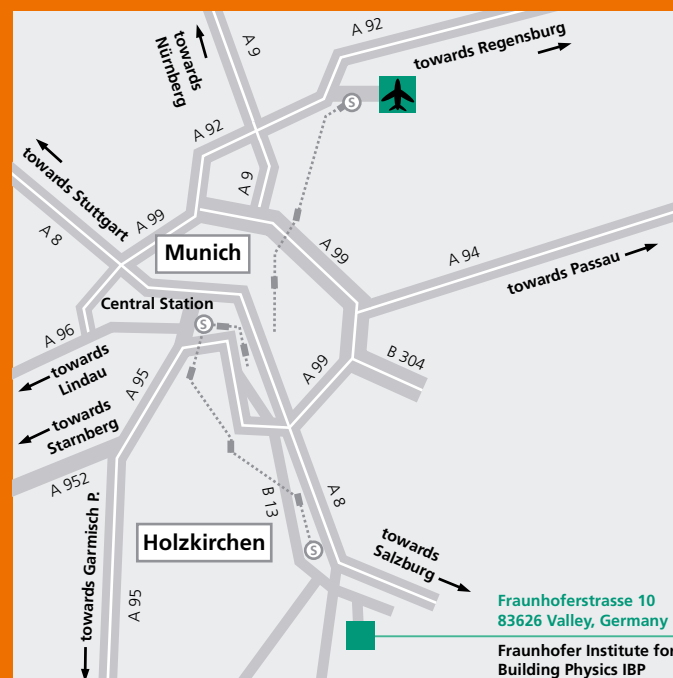
Contact

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How to get there:

<http://www.ibp.fraunhofer.de/en/about-us/approach.html>



EXPERT CONFERENCE AND INAUGURATION
OF FRAUNHOFER IBP'S NEW FACILITY FOR
CALORIMETRIC FAÇADE/ ROOF TESTING ON
10/11 APRIL 2013 AT HOLZKIRCHEN

MORE THAN JUST FAÇADES!



MORE THAN JUST FAÇADES!
DAY 1: 10. APRIL 2013

- 01.00 pm** Registration of participants
- 01.15 pm** Welcome and introductory lecture,
Prof. Gerd Hauser (Fraunhofer IBP)
- 02.00 pm** Façade 2050 – Quo vadis, construction industry,
Dr. Werner Jager (ai³)
- 02.45 pm** Building Envelope used as a Powerplant,
Prof. Manfred Hegger
(Technische Universität Darmstadt)
- 03.30 pm** Coffee break
- 04.00 pm** Façades of the future –
Innovative carbon-fibre solutions,
Bernhard Plaggenborg (SGL Carbon)
- 04.45 pm** Membrane building envelopes - Testing materials
and building components,
Prof. Karsten Moritz (Seele cover GmbH)
- 05.30 pm** IEA ECBCS Annex 58 Reliable Building Energy
Performance Characterisation based on full
scale measurements,
Staf Roels (K.U.Leuven, Department of
Civil Engineering, Belgium)
- 06.00 pm** Official inauguration of IBP's test facility for
calorimetric façade / roof testing,
Prof. Klaus Sedlbauer (Fraunhofer IBP)
- 06.30 pm** Tour of the outdoor testing site
- 07.30 pm** Bus transfer to evening event
- 08.00 pm** Evening reception (Bavarian evening at
Klosterstüberl Reutberg, Sachsenkam)

MORE THAN JUST FAÇADES!
DAY 2: 11. APRIL 2013

- 09.00 am** Dimmable façades - Switchable glazing with a twist,
Dr. Dirk Jödicke (EControl-Glas GmbH & Co. KG)
- 09.30 am** Membrane structures – Specifics, challenges and
opportunities,
Prof. Mike Sieder (Dept. of Timber Structures and
Building Construction, TU Munich)
- 10.00 am** Membrane construction research by Fraunhofer
Building Innovation Alliance – A survey,
Andreas Kaufmann (Fraunhofer IBP)
- 10.30 am** Coffee break
- 11.00 am** In situ measurement of u-/g-values,
Matthias Kersken (Fraunhofer IBP)
- 11.30 am** Controls of solar shading and artificial lighting
and their relevance to energy efficiency,
Dr. Ingo Heusler (Fraunhofer IBP)
- 12.00 pm** Integral evaluation of innovative building envelopes,
Herbert Sinnesbichler (Fraunhofer IBP)
- 12.30 pm** Summary of topics / Farewell,
Dr. Dietrich Schmidt (Fraunhofer IBP)
- 01.00 pm** Stand-up reception

Venue: Fraunhofer Institute for Building Physics,
Helmut Künzel Hall, Fraunhoferstrasse 10,
83626 Holzkirchen, Germany

Participation fee: € 230;
plus € 45 for the evening event

Contact: Christina Kuba
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MORE THAN JUST FAÇADES!

**10-11 April 2013, Fraunhofer Institute for Building Physics,
Holzkirchen (Germany) - Please register my binding applica-
tion for this event:**

.....
 Name / First name

.....
 Institution / Company

.....
 Mail address

.....
 City

.....
 E-Mail

Please return by fax to +49 (0)8024 643-366 by 28 Feb.2013.

I will also attend the evening event.

Please tick: yes no

.....
 Place / Date

.....
 Signature

Please don't forget to book your hotel room(s).