

Framework Programme of the:

17TH INTERNATIONAL PASSIVE HOUSE CONFERENCE 2013

Passive House Basics Course

The Passive House Institute, in cooperation with the University of Applied Sciences Frankfurt am Main and iPHA – The International Passive House Association, is delighted to offer an introductory, English-language Passive House seminar as a precursor to the 17th International Passive House Conference.

Entitled Passive House Basics, this full-day course is ideal for both first time Conference participants and for all those wishing to refresh their Passive House knowledge. Passive House essentials such as heating and cooling, airtightness and thermal bridge free construction, indoor air quality, ventilation, cost effectiveness, certification as well as built examples in various climate zones will be covered by prominent Passive House experts, including Wolfgang Feist himself. The adaptation of building components and the implementation of Passive House principles to suit climatic conditions will be the main focus of the day. A tenminute frame has been set aside after each presentation to answer your questions.

Start this third decade of the Passive House Standard by letting Passive House Basics bring you up to speed.

www.passivehouse-international.org

www.passivehouse.com

www.fh-frankfurt.de

Costs

Regular rate: 400 euros

Reduced rate for conference participants: 300 euros

iPHA members / student rate: 150 euros

Students and employees of the University of Applied Sciences Frankfurt am Main may register for a nominal 20 euros lunch fee.

Registration required in advance at:

www.passivehouseconference.org

Further information about the Passive House Standard:

www.passipedia.org – The Passive House resource

www.passivehouse-designer.org – Certified Passive House Designers and Consultants

www.passivehouse-database.org – Built Passive Houses worldwide

Passive House is the world's leading standard in energy efficient construction: energy savings as compared to mandatory new building standards amount to more than 80 percent. Home heating costs are reduced to only 10 to 25 euros per month – high energy prices therefore hardly affect Passive House residents. The space heating demand in a Passive House is less than 15 kWh/(m²a).

The Passive House Basics Course is organised by:



Programme

Wednesday, 17 April 2013

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| 9.00 am - 9.10 am | Welcome |
| | Prof. Dr.-Ing. Hans Jürgen Schmitz, FH FFM |
| 9.10 am - 9.30 am | Passive House opportunities |
| | Sarah Mekjian, International Passive House Association |
| 9.30 am - 10.15 am | Introduction: Passive House Standard |
| | Dr. Wolfgang Feist, University of Innsbruck, Passive House Institute |
| 10.15 am - 10.55 am | Building envelope, Airtightness, Thermal bridge free construction |
| | Susanne Theumer, Passive House Institute |
| 10.55 am - 11.15 am | Coffee break |
| 11.15 am - 12.05 pm | Passive House windows |
| | Franz Freundorfer, PHC, pro Passivhausfenster GmbH |
| 12.05 pm - 12.50 pm | Building services: Heating and cooling |
| | Dr. Rainer Pfluger, University of Innsbruck |
| 12.50 pm - 1.35 pm | Building services: Indoor Air Quality and Ventilation |
| | Dr. Rainer Pfluger, University of Innsbruck |
| 1.35 pm - 2.50 pm | Lunch break |
| 2.50 pm - 3.35 pm | Cost effectiveness |
| | Dr. Witte Ebel, Passive House Institute |
| 3.35 pm - 4.00 pm | PHPP 8 (2013) - Passive House Planning Package |
| | Susanne Theumer, Passive House Institute |
| 4.00 pm - 4.20 pm | Coffee break |
| 4.20 pm - 4.40 pm | Passive House and EnerPHit certification |
| | Susanne Theumer, Passive House Institute |
| 4.40 pm - 5.00 pm | Built examples in various climate zones |
| | Susanne Theumer, Passive House Institute |
| 5.00 pm | End |

Venue:

Fachhochschule Frankfurt am Main | University of Applied Sciences
Room 401 in building 1 | Nibelungenplatz 1
60318 Frankfurt am Main, Germany

Contact: Passive House Institute
mail@passiv.de
Tel: +49 (0)6151 82699-0

How to get there

The Passive House Basics Course takes place at the Fachhochschule Frankfurt am Main (FH FFM) in building 1 of the campus Nibelungenplatz.

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Via public transport:

From airport to Fachhochschule Frankfurt am Main:

Go to Airport Regional Train Station, take S-Bahn lines S8 or S9 to Konstablerwache. Change to bus line 30 (northbound: direction Bad Vilbel/Friedberger Warte), exit at bus stop Nibelungenplatz/FH.

From central station to Fachhochschule Frankfurt am Main:

Take any S-Bahn line to Konstablerwache. Change to bus line 30 (northbound: direction Bad Vilbel/Friedberger Warte), exit at bus stop Nibelungenplatz/FH.

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Fachhochschule
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University of
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Passive House
Institute