» 1. Registration





Under the patronage of:

Federal Chancellor of Austria, Mag. Christian Kern Federal Chancellery of Austria

BUNDESKANZLERAMT OSTERREICH

» Detailed information and online registration: www.passivehouseconference.org

» 2017 Conference schedule

24-27 April 2017 Workshops and courses

28-29 April 2017 21st International Passive House Conference

and Passive House Exhibition

28 April 2017 Evening event

30 April 2017 Passive House excursions

» Conference languages: German and English

Simultaneous translation into English will be provided at all German language sessions. For other languages please contact us.

Supported by





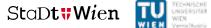


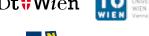




LEBENSWERTES















SINFONIA stands for "Smart INitiative of cities FullcOmmitted to iNvest In Advanced large-scaled energy solutions" and is funded under the 7th Framework

Conference 28 and 29 April 2017

Passive House excursions: Sunday, 30 April

iPHA member discount on prices listed above

Tips and tricks for designPH (DE+EN)

Conference participant | Standard price

Designer Forum (DE) (no discount)

Basics Course: Passive House (DE)

Energy efficient hot water systems (EN)

Student price and Municipal representatives

iPHA member/student discount for above sessions

Deep retrofits with PHPP (EN)

Cooling and dehumidification (EN)

Commissioning and operation optimisation (EN)

Workshops (24-27 April 2017)

PHPP Basics (DE + EN)

designPH Basics (DE + EN)

Window workshop (EN)

Guided tour (For conference participants only; limited spaces available)

Early booking rate	€560	Registrations must be either submitted online or by post. Regis-
(registration by 20 February 2017, payment by 27 February 2017)		trations are binding and will be processed in the order in which
Regular rate	€690	they are received. The number of participants is limited. After
Speaker rate Poster presenter rate €2	10 €380	registration, you will receive an invoice. The early booking dis-
(Only one speaker/poster presenter discount will be granted	·	count can only be granted if the registration is made before
for each accepted oral and/or poster contribution)	F00/	20 February 2017 and payment is completed by 27 February
Student discount (Full-time students only; copy of valid student ID must be enclosed with registration)	50%	2017. Only those who have paid the applicable fees in full will
One-day conference participation		be admitted to the conference. Only cancellations in writing will
	C410	be accepted. All cancellations received after 20 February 2017
Early booking rate	€410	will incur a €70 processing fee while cancellations made as of
(registration by 20 February 2017, payment by 27 February 2017)		, ,
Regular rate (Please note that no speaker/poster presenter discount	€510	20 March 2017 will incur a fee equal to 50% of the total regist-
is available for one-day conference participation)		ration fees. The participation fee is to be paid in full in the case
Evening event, Friday, 28 April, 7:30pm		of no-shows or cancellations on, or after the 30 of March 2017;
Museum of Natural History (limited spaces available)	€89	a substitute participant may, however, be nominated.
Cultural Excursion Vienna, Saturday, 29 April, 8:00pm		
Service charge: Only open to conference participants, registration rec	quired €20	» 2. Services

€99

10%

€180 I €270

€420 | €525

€240 | €300

€240 | €360

€240 | €360

€240 | €360

€240 | €360

€240 | €360

€100 | €390

All prices include VAT

€30

€75

Services

The scope of services includes: the conference proceedings with all written contributions, lunch, coffee breaks and simultaneous translation into English at all German language sessions. The organisers reserve the right to make any necessary changes to the programme.

» 3. Cancellation, limitation of liability

In the event that the 21st Passive House Conference or any part of the framework programme must be cancelled, the participants will be notified immediately and any participation fees already paid will be reimbursed. The liability of the organisers is limited to reimbursement of the paid participation fee only.

» Scientific conference advisory board

Dragos Arnautu, Darmstadt (DE) | Claudia Dankl, Vienna (AT) | Roland Digel, Osnabrück (DE) | Wolfgang Feist, Innsbruck (AT) | Jessica Grove-Smith, Darmstadt (DE) | Harald Halfpaap, Hannover (DE) Huijun Jiang, Darmstadt (DE) | Erich Kern, Vienna (AT) | Björn Kierulf, Senec (SVK) | Birgit Knoch, Luxembourg (LUX) | Gerhard Kopeinig, Velden a. Wörthersee (AT) | Helmut Krapmeier, Wolfurt (AT) | Benjamin Krick, Darmstadt (DE) | Mathias Linder, Frankfurt (DE) | Dirk Mobers, Wuppertal (DE) | Doris Österreicher, Vienna (AT) | Stefan Pallantzas, Athens (GRC) | Rainer Pfluger, Innsbruck (AT) | Raimund Rainer, Innsbruck (AT) | Jan Steiger, Darmstadt (DE) | Karin Stieldorf, Vienna (AT) | Martin Treberspurg, Vienna(AT) | Jan Tywoniak, Prague (CZE) | Anke Unverzagt, Hanover (DE) | Bernd Vogl, Vienna (AT) | Anne Vogt Madrid (ESP) | Mark Zimmermann, Dübendorf (CH)

» Excursions

On Sunday, 30 April 2017, conference participants will have the opportunity to tour Passive House buildings that are either already completed or under construction. All excursions include travel, the tour itself in either English, or German with translation into English as well as a small meal and drinks. Spaces are limited.

Meeting point:

Messe Wien, Messeplatz 1, 1021 Wien | Vienna

Excursion 1 | Vienna | 9:00am-4:45pm (Subway Tour) Residential buildings and student dorms

Excursion 2 | Vienna | 9.00am-5.00pm (Bus Tour) earlier end possible | 4:30pm Hbf Wien City districts + university retrofit

Excursion 3 | Vienna | 9:00am-5:10pm (Bus Tour)

earlier end possible | 4:40pm Westbhf Wien University retrofit + Wilhelminian style building, new build student dorm + hotel

Excursion 4 | Vienna | 9:00am-3:45pm (Bus Tour) earlier end possible | 3:15pm Hbf Wien

Large office buildings + residential districts

Excursion 5 | Vienna | 9:00am-5:00pm (Bus Tour) Residential and office buildings + kindergarten

Excursion 6 | Vienna | 9.00am-5.10pm (Bus Tour) earlier end possible | 4:40pm Westbhf Wien Retrofit of residential buildings + university retrofit

Excursion 7 | Niederösterreich | 9:00am-5:10pm (Bus Tour) Commercial + public non-residential buildings

Please note that this programme is subject to change.

For further details on these excursions, please visit: www.passivehouseconference.org

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Wohnbauprojekt JAspern, Apartment building in Seestadt Aspern in Vienna | Architecture: pos architekten GmbH Generalplanung © PASSIVHAUS AUSTRIA and Passive House Institute

» Exhibition

Passive House components provide maximum comfort with low energy costs in new builds and refurbishments alike. Whether you are looking for insulation materials, windows or ventilation systems with heat recovery – all leading manufacturers of Passive House components will be represented at the accompanying trade fair. Here you will find first-class advice, information materials, illustrative models, and experts happy to answer your questions.

Friday and Saturday, 28 and 29 April 2017

Messe Wien | Congress Center Venue:

Messeplatz 1

1021 Wien (Vienna) | Austria 28 April 2017, 10:00am - 7:00pm 29 April 2017, 9:00am - 5:00pm

» Exhibition area themes

- Insulation
- · Windows and doors
- · Ventilation systems with heat recovery, compact heat pumps, subsoil heat exchangers, stoves and heating systems, solar collectors
- · Measuring devices for airtight construction and ventilation techniques, infrared cameras
- Products for ensuring airtightness
- · Prefabricated buildings and building components
- · Contracting businesses, trade associations, architectural and engineering firms, energy consultants, quality assurers
- · Software, specialist literature, advanced training
- · Renewables for Passive House buildings

The conference and Passive House exhibition are aimed at: architects, designers, engineers, energy consultants, energy suppliers, tradespeople, scientists and researchers, retailers, manufacturers, local authorities, property developers, students

» To order an exhibitor info pack, please contact:

Oksana Schinas | Passive House Institute Tel.: +49(0) 6151/826 99 71 E-mail: oksana.schinas@passiv.de



21 HOUSE CONFERENCE 2017

and Exhibition



Programme

Messe Wien | Congress Center Vienna | Austria 28 and 29 April 2017

Workshops & Excursions 24 – 30 April 2017











WORKSHOP PROGRAMME

WORKSHOP PROGRAMME

FRIDAY PROGRAMME | 28 APRIL 2017 FRIDAY PROGRAMME | 28 APRIL 2017

SATURDAY PROGRAMME | 29 APRIL 2017 SATURDAY PROGRAMME | 29 APRIL 2017

Monday, 24 and Tuesday, 25 April 2017: PHPP basics (German & English) 9:00am-5:30pm

This 2-day workshop provides basic knowledge of the Passive House Planning Package (PHPP), the energy balancing and planning tool for efficient buildings and retrofits.

Wednesday, 26 April 2017:

designPH basics (German & English) 9:00am-5:30pm Are you already familiar with PHPP? Then come and explore the advantages of designPH, the new SketchUp based plugin for the 3D modelling of Passive House buildings.

Wednesday, 26 April 2017:

Basics course: Passive House – a contribution to climate protection (German) 9:00am-5:00pm

Learn the Passive House Basics and receive recommendations from experts on practical implementation. Municipal representatives and architects will also report on their Passive House projects.

Thursday, 27 April 2017: Energy efficient hot water systems (English) 9:00am-1:00pm

The energy demand for the provision of hot water plays a dominant role in the energy balance of residential Passive House buildings. This workshop presents and discusses saving potentials and planning recommendations for the selection of heat generators, minimising energy losses from distribution and storage, heat recovery and water saving measures.

Commissioning and operation optimisation (English) 9:00am-1:00pm

This workshop will summarise the most important findings of the 52nd session of the Research group for cost-effective Passive Houses. The workshop will look at quality assurance as well as common commissioning issues and suggestions on how to tackle them.

Cooling and dehumidification (English) 2:30pm-6:30pm

This workshop provides an overview of cooling and dehumidification strategies for Passive House buildings. After initial considerations on the reduction of cooling energy demand, the main focus will be on the energy efficient, cost-effective and efficient supply and distribution of cooling in Passive House buildings in warm climates.

Thursday, 27 April 2017:

Windows Workshop (English) 2:30pm-6:30pm

The global demand for highly efficient and cost-effective windows exceeds the current production expertise thus leading to market shortages. This workshop is intended to contribute towards eliminating these shortages by providing specialist knowledge on high-performance windows.

Deep retrofits with PHPP 9:00am-1:00pm (English)

2:30pm-6:30pm (German)

We recommend this workshop to anyone who wants to know how PHPP can help you with planning and verification of deep retrofits. We will present PHPP's numerous features and capabilities for application to the building stock - before as well as after energy retrofit. We will also focus on the specifics of EnerPHit verification according to component quality or heating/ cooling demand. You will learn how the EnerPHit classes Plus or Premium can be achieved by complementing energy efficiency with renewable energy

Tips and Tricks for designPH 9:00am-1:00pm (German) 2:30pm-6:30pm (English)

The workshop will cover advanced use of designPH, with a focus on sharing tips, tricks and experiences that can be used for troubleshooting the model, optimising the design and modelling more complex building geometries. Participants will also receive an outlook on further new developments being implemented for designPH 2.0.

Designer Forum (German)

Principles of the Passive House concept as well as practical tips, with special focus on architecture. This forum is organized by the Technical University of Vienna and University of Natural Resources and Life Sciences, Vienna.

All workshops will be in Vienna. Exact locations can be found online: www.passivehouseconference.org

Your personal conference preparation: Passive House Basics E-Learning: www.passivhausplaner.eu

Plenary | HALL STRAUSS (Level 0)

9:00am Welcome by: Christoph Chorherr, Local Council of Vienna | Michael Ludwig, City Councillor for Housing, Housing Consutruction and Urban Renewal of Vienna | Ursula Schneider, Federal Chamber of Architects and Engineer Consultants | Günter Liebel, Division Head of Environment and Climate Protection at the Federal Ministry of Agriculture, Forestry, Environment and Water Management | Michael Paula, Division Head of Sustainable Economics at the Federal Ministry of Transportation, Innovation and Technology

HALL STOLZ 1+2 (Level 0) Sinfonia HALL SCHUBERT 1-3 (Level 1) Session 3: Retrofit Examples (EN)

MYRTIA FASOULI | EnerPHit on London's heritage properties: Adams Row case study

11:30am Joint visit to the exhibition

12:00am LUNCH BREAK

ESTEBAN PARDO CALDERON | First EnerPHit experience in Spanish historical heritage building STAS ZAKRZEWSKI | Strategies to retrofit typical existing US housing stock into Passive House and

University of Natural Resources and Life Sciences, Vienna

ZUZANA STERNOVÁ I Deep renovation of a residential building towards the NZEB standard P: Janetti | Numerical investigation of the moisture risk at beam ends in buildings with internal insulation P: Augustin | Retrofit of an 80 years old residential row house to the PH standard in a heritage protected area P: Staněk | Wooden beam ends in masonry with internal insulation: experimental investigations

P: McGuinness | Proof of concept: EnerPHit retrofit is viable for community through PH P: Cho I A PH mosaic for NYC urban infill residential retrofit P: Volf | Modular solutions for deep energy retrofitting - introduction to MORE-CONNECT project

: Borák | Municipal art school Karla Malicha – City of Holice (CZ) P: McNally | Ireland's first certified Passive

Session 8: Methods and Tools (EN)

HALL SCHUBERT 4-5 (Level 1)

Session 4: Non-residential buildings (EN)

GARETH SELBY | PH design for future climate

ANDREA BOMBASARO | "La Provvidenza" - PH

GERNOT VALLENTIN | Educational institutions

WILLIAM RYALL | Guilford sound recording and

South Korea and China in practice

production campus in Vermont

Development Centre (CREST)

Presikhaaf

JOHAN CRISTOL | Importing building information modeling data into the PHPP

P: Gollwitzer | Calculation: simplified window installation turning point for building physics in the Netherlands

Evening Event 7:30pm

Plenary | HALL STRAUSS (Level 0)

8:30am Günter Lang, Passive House for all – The road to zero – 500 days since Paris: Time to act 8:45am Günther Jedlicka, Passive Houses for active students – A success story

9:00am Heinrich Bottermann, Secretary General of the German Federal Environmental Foundation 9:25am Scott Foster, Director of Sustainable Energy at the United Nations Economic Commission of Europe

HALL STRAUSS (Level 0) 10:30am HERWIG RONACHER | Passive House and change & carbon lifecycle - The Enterprise Centre environments of a Passive House with energy gains retrofit of a large non-residential building in Italy 11:20am BERND STEINMÜLLER | Steps from a 1950's residential LOIS B. ARENA | Cornell Tech — High-rise estate house towards EnerPHIT/Passive House Plus buildings & Passive House in different climate zones-comparison of Estonia. 11:45am DIFTER HER7 | Passive House Plus and Premium in practice 12:10am SIMONE KREUTZER | Passive House – here BARRY MC CARRON | Passive House Research & 12:35am P: Meyer-Olbersleben | Experience from an ecologically- RUPERT DALY | Woodside high-rise: Bridging built PH P: Bintinger | Plus energy buildings - adminis- Thermal Inequality trative building Ernstbrunn, Windkraft Simonsfeld 1:00nm IUNCH Session 13: Mixed-use and non-residential projects 2:15pm ARMIN KNOTZER | Best practice in a school BRANDON NICHOLSON | Passive House as using of prefab Passive House suitable wood mitigation for outdoor air pollution; findings 2:40pm DIETER HERZ | Hotels to the Passive House BERTHOLD KAUFMANN, HELMUT SCHÖBERL | PH Standard – a success story 3:05pm MATTHIAS WOHLFAHRT | PH Supermarkets SHOUQIANG NI | Passive House and Passive House in Hanover – status report from 2 years of windows in China operational experience 3:30pm ERIK RÖTHELE | Exclusive yet economic 3:55pm URSULA SCHNEIDER | Future-proof living: 4:20pm P: Berger | Kindergarten Velden a.W. – model retrofit P: Zhao | Review of the impact of near-Passivhaus with PH Components P: Wildmann | Development healthcare facilities on the health of patients P: Frei | advances through inter- and transdisciplinary design Ecological Passive House – Cultural Park in Zhuhau,

HALL STOLZ 1+2 (Level 0) HALL SCHUBERT 1-3 (Level 1) Session 9: Passive House Plus and Premium Session 10: Passive House High-rises (EN) Session 11: Passive House and the electricity grid Session 12: Passive House international (EN) THOMAS BEDNAR, HELMUT SCHÖBERL I Renoplus energy house research projects in rural vation of a TU Wien high-rise building achieves Passive House Plus Standard for the first time 10:55am MARC GROSSKLOS | Operational experience BRITTANY COUGHLIN | Near EnerPHit retrofit BENJAMIN KRICK | From electricity-based sup- JOÃO GAVIÃO | The first certified Passive House in of a high-rise residential building in Vancouver ply concepts to efficient and economic solutions the touristic sector in Portugal FERDINAND SIGG | Assessment of electricity based supply concepts for highly efficient buildings certified PH kindergarten of Hungary GERMÁN VELÁZOUEZ ARIZMENDI I Tower for 361 Social Housings in Bolueta, Bilbao, SPAIN system for heating support and BW heating ILANA JUDAH | Passive House feeling higher: SIMON HANDLER, KLAUS KREČ I Conditioning

What it takes to make a high-rise passive and energy storage in PH by means of thermal centre in Barcelona of zero energy balance P: Yalcin | EnerPH activation of reinforced concrete ceilings Standard as an urban regeneration guide: Experiments become design strategies P: Stärz | Building technology in practice – example of a P: Balla | Role of PH principles to improve comfort in large multi-family house P: Gerbut | "No-carbon-future" building technology P: Salman Gürcan | PH meets with Smart Home – an example for future housing of a masonry building in Portugal

Session 14: Passive House in China (EN) Session 15: Components and building technology Session 16: Passive House international (EN) DIETMAR SIEGELE | Testing of compact devices | NICK GRANT | Developing summer comfort with speed-controlled compressors and enthalpy design guidance for the UK transfer agents JOACHIM CIESLOK | Energy savings in hydraulic ZhuoZhou: first complete monitoring of a PH in China

BJORN KIERULE | The future of PH: more

P: Ochs | Simulation of a Membrane Energy Recovery

Simulation of Radiant Heat Emission Systems in PH P:

filling - Testing with mobile differential pressure device

glazing P: Jandl | PH in the Wienerwald - experiences

Systems in PH P: Aschauer | New approaches for water

with 3 new details P: Michler | Low Impact Envelope

heating P: Peel | Cold climate PH facility

Pfluger | External plaster as an airtight plane without

Innovation!

MARK SIDDALL | Long term experience of PH ir North East England: Are there overheating risks cost and energy use with shared air ducts

SØREN RIIS DIETZ | PH school in the northern part

Ventilation and Exhaust Air Heat Pump + Modelling and P: Hauer | In-Situ g-value measurement in the installation - Newly developed measuring device for complex

verification of single-family house P: Mohammadpourkarbasi | The business case for PH in

Plenary | HALL STRAUSS (Level 0)

4:45pm COFFEE BREAK

cooperative construction on the basis of 2 projects

P: Höffle | Our way to PH - 5 certified office buildings

in 3 years P: Vallentin | PH design with ArchitekturNatur

5:15pm Panel discussion with Diana Ürge-Vorsatz, Director of the Center for Climate Change and Sustainable Energy Policy of Central Europe University | Lloyd Alter, Editor of TreeHugger | Scott Foster, Director of Sustainable Energy at the United Nations Economic Commission of Europe Wolfgang Feist, Passive House Institute and University of Innsbruck 6:00pm End of event

from the ROCIS Study

building Qingdao

Ecopark Qingdao

processes P: Ryznar | PH meets the common economy | China P: NI | Mobile sun protection in the atrium

BERTHOLD KAUFMANN | QIN PHTEC PH office

JOACHIM CIESLOK | Technology for the "PH

Technology Experience Center", Sino-German

Programme is subject to change

HALL SCHUBERT 4-5 (Level 1)

RICHARD HÖFER | Regenerative heat supply SVETLIN DOBREVSKI | Climate zones with hot with storage from PH building in the Smart Grid summers and cold winters — build a Passive House!

CSABA NAGY | FairyTaleKindergarten/The first SVEN KUNKEL | Innovative energy management P: Szeker | Passive Houses in Hungary P: Bonilauri | Better climate zone mapping for PH in different countries P: Bunyesc | Retrofit and extension of a public community

> tropical climate of Bangalore, India P: Mangaroska | Green Buildings and PH for the Climate Conditions in Macedonia P: Varga | Thermal bridge free PH foundation design in the Romanian seismic region P: Vicente | Energy retrofit

of Denmark: First analysis of 5 years' consumption MONTE PAULSEN | Moodyville: A preview of

North America's first Passive House district

P: Hienonen | Public authority's support for performance

the UK P: Theoboldt | CO₂mpakthuset - 25m² PH as training project and student dwelling P: Lewis | Affordable Passive House homes for Norfolk P: Corson | Pre fab PH design to delivery

Museum of Natural History

years planning experience

2:40pm OLIVER STERL | Energy and comfort -

1:25pm MARTINA FEIRER | Mineroom Leoben PH

student dorm in timber construction

of the Voralberg model project KiNaWo

2:15pm MICHAEL BERGER | Living in Gleisdreieck-2015:

a large-volume PH building in Vienna

3:05pm MANFRED SONNLEITHNER | 15 years of living

P: Herzog | Smart campus of the Wiener Netze

Session 5: Retrofit projects and components

ding preservation requirements with Passive

envelope, window and ventilation as an

services for high-quality renovation of single-

energy attic extension in the heart of Vienna P: Höfler |

Plus energy building retrofits – a reality fact check

5:40pm DAGMAR JÄHNIG | Facade-integrated building

6:05pm P: Schöberl | A Passive House as the world's first plus-

4:00pm GERHARD KOPEINIG | Renovation of a protected PHILIP HORN, TIM SELKE | ENERGYbase

4:25pm CHRISTIAN WOLFERT | Retrofitting under buil-

Abbreviation: (DE) = German | (EN) = English

4:50pm ANATOL WORCH | PH with interior insulation? RAINER TEPE | Operational experience with

Influencing variables-systems-possibilities-limits PH systems engineering in "zero:e park"

fire station into a music school in Velden (AT) since 2008

in a Passive House

House Components

EnerPHit innovation

family homes

5:15pm FRANZ FREUNDORFER | Three at once:

3:30pm COFFEE BREAK

The first certified PH dorm in Fastern Austria

HALL STRAUSS (Level 0)

Session 1: Passive House examples from Session 2: District renovation 1:00pm MARTIN TREBERSPURG | Future-proof architec- WOLFGANG STREICHER | SINFONIA ture in solar Passive House construction – 25 introduction to the EU-funded project

ENGELBERT SPISS | EU Project SINFONIA - Renovation of residential buildings to the PH Standard

and heat demand P: Ilmer | Monitoring in the course

Session 6: Commissioning and monitoring

measurement for relevant wind and thermal

influence in a tall, PH multi-family home

STEFAN OEHLER | Killjoy: rebound effect

SØREN PEPER | Commissioning and opera-

tion as success factors for energy efficient

P: Schirmer | Quality assurance in construction -

P: Imkeller-Benjes | Healthy, comfortable and

climate-friendly teaching and learning in a PH

challenges in implementing PH in China

of the EU Project SINFONIA

1:50pm MARTIN PLOSS | Efficient is economic – results WERNER NEUMANN | Overall energy concept – efficient, renewable, collective Passive House Plus JAN STEIGER | Thermal Bridges in the context

of international EnerPHit requirements HARALD MALZER | SINFONIA - database for best practice refurbishment solutions ZENO BASTIAN | EnerPHit Retrofit Plan step-by-step retrofit with PHPP

P: Smith | Vogel Haus Case Study-Standardized PH detailing P: Ottinger | Energy saving advice for households the next step on the way to NZEB P: Pfeifer | GISwidespread application in Ireland P: Inqui | Better design and based bottum-up approach to balancing electricity

Session 7: Warm and hot climates (EN)

MIWA MORI | Measured data of supply air cooling

Athens: 1 year overall measurements, one year of living

KHALIFA AL FALASI | Office building certified to Passive

in a PH - solution for hot & humid climates

House Classic standard in Dubai (U.A.E.)

IOANNIS PAPPAS | Passivistas EnerPHit Project in

STEFANO FAGANELLO | Passive House Buildings

P: Schnieders | Proper humidity simulation; measurement

System for Mediterranean Climates (such as Italy) P: Castaño

Salvador | Low tech PH in one of the hottest places in Europe

warm climate strategies with PHPP P: Watanabe | Certified

validation of moisture simulations P: Merigo | Optimal

PH-single family home in Mizunami, Japan

in warm humid climates - Office building in

House buildings in Mexico

Pegognaga (Italy)

10:00am Helga Kromp-Kolb, Head of the Center for Global Climate Change and Sustainability

10:35am Wolfgang Feist. Director of the Passive House Institute and Professor at the University of Innsbruck

ERNESTO INFANTE BARBOSA, ELENA REYES CARL-PETER GOOSSEN | Integrated design BERNAL | EcoCasa LAIF: Introducing Social Passive and BIM for social housing apartment Arnhem

OLIVER OTTINGER | Worldwide moisture

MARIUS SOFLETE | Teaching Passive House technology and execution in Romania

KARIN STIELDORF | PH standard as a target criterion in the design education of architects

P: Edwards | Determination of shading reduction factors for PHPP/designPH from a 3D computer model P: Harrmann | From scribbled cheat sheets to helpful tools P: Paulsen | PHPP Anonymous: Lessons learned from the Vancouverarea PHPP users group P: Rose | The NZEB tool - the

P: Short presentation (Poster)