

with Passive House Exhibition



PART 1 Live in Wuppertal & ONLINE 10 + 11 September

> Building tours 12 September

PART 2 ONLINE 14 + 15 September













### FRIDAY | SEPTEMBER 10, 2021

**10:00 am - 12:15 pm** Opening plenary

**12:15 pm - 1:15 pm** Guided tours on-site exhibition

Lectures on PH Certification

1:30 pm - 3:45 pm Session 1 and 2 4:15 pm - 6:30 pm Session 3 and 4

From 6:45 pm Anniversary celebration, Passive House Award 2021 Ceremony

### SATURDAY | SEPTEMBER 11, 2021

9:00 am - 10:00 am Plenary

**10:00 am - 12:15 pm** Session 5 and 6

12:15 pm - 2:15 pm Component impulse lectures

Poster pitches

**2:15 pm - 4:30 pm** Session 7 and 8

**5:00 pm - 6:30 pm** Plenary

### SUNDAY | SEPTEMBER 12, 2021

**Building tours on-site and ONLINE** 

### TUESDAY | SEPTEMBER 14, 2021

9:00 am - 10:00 am Plenary

10:00 am - 12:15 pm Session 9 and 10

12:45 pm - 1:45 pm Component impulse lectures

Poster pitches

2:45 pm - 3:45 pm Guided tours over the

ONLINE exhibition

**4:00 pm - 6:15 pm** Session 11 and 12

### WEDNESDAY | SEPTEMBER 15, 2021

10:00 am - 12:15 pm Session 13 and 14

12:45 pm - 1:45 pm Component impulse lectures

Poster pitches

2:45 pm - 3:45 pm Guided tours over the

ONLINE exhibition

**4:00** pm - **6:15** pm Session 15 and 16

**6:30 pm - 8:00 pm** Closing plenary

### 10:00 am - 12:15 pm Welcome and plenary presentations



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### Prof. Dr. Andreas Pinkwart

Minister of Economic Affairs, Innovation, Digitalization and Energy of the State of North Rhine-Westphalia



© Wolf Sondermann

Prof. Dr. Uwe Schneidewind Lord Mayor of the City of Wuppertal



© Ingo Lammert / Architektenkammer NRW

### Dipl.-Ing. Architect BDB Ernst Uhing

President of the Chamber of Architects of North Rhine-Westphalia



© EnergieAgentur.NRW, Frank Wiedemeier

### Dirk Mobers

Head of Heating & Buildings at EnergyAgency. NRW



© PHI

### Prof. Dr. Diana Ürge-Vorsatz

Vice Chairwoman of Working Group III of the Intergovernmental Panel on Climate Change (IPCC) and Professor at the Central European University (CEU)



Dr. Jürgen Schnieders



Dr. Wolfgang Feist



**Grove-Smith** 



Dr. Benjamin Krick

### FRIDAY | SEPTEMBER 10, 2021

### Session 1 | Highly efficient districts

1:	35 pm	Hartmut Murschall
		Passive Houses in 100 climate protection settlements in the sustainable energy state of North Rhine-Westphalia
<u>1:</u>	50 pm	Christiane Behrens
		Richard-van-de-Loo-Straße climate protection settlement in Kleve
2:	05 pm	Helmut Schöberl
		Preservation order and Passive House: retrofitting the Art Nouveau Otto-Wagner-Areal district in Vienna
2:	40 pm	Reiner Wirtz, Ludwig Rongen
		Accommodation building of the Max-Ernst-Schule boarding school in Euskirchen for LVR Cologne
2:	55 pm	Jörg Linnig
		Energy-resilient climate protection settlement
3:	10 pm	R. Vallentin, S. Früh, G. Schuler, M. Rezwan
		Partner projects as "PER cooperation model" for Passive Houses
		Session 3   Passive Public Housing
4:	20 pm	Georg W. Reinberg
		"BikesRails": a Passive House as a part of social, technical and urban innovation
<u>4:</u>	35 pm	Norbert Stärz
		WohnSinn Bessungen – just your average Passive House?
4:	50 pm	Tanja Schulz
		Affordable and energy-efficient multi-storey social housing
5:	25 pm	Søren Peper
		Increased satisfaction, decreased consumption and lower summer temperatures: BuildTog Passive House Bremen
5:	40 pm	Marc Großklos
		Experiences of operating two Passive Houses in social housing
5:	55 pm	Christian Schlüter
		Model projects for sustainable and affordable living in Wuppertal and Bochum – "Variowohnung" housing

### FRIDAY | SEPTEMBER 10, 2021

### **Session 2 | Sustainability scenarios**

	1:35 pm	Rainer Vallentin	
	•	Global carbon-budget for buildings	
	1:50 pm	Jörg vom Stein	_
		Co-working space as a Passive House	
	2:05 pm	Susanne Körner	
		Passive House Standard in straw-bale construction for	
		increased sustainability & climate protection	
	2:40 pm	Bernd Steinmüller	
		Secure supply during dark doldrums – Passive Houses	
		as additional power plants (grids)!	
	2:55 pm	Simone Kreutzer Wesslund	_
		From Passive House "Classic" to Passive House "Eco" to Passive House "Zero"	
	3:10 pm	Oliver Ottinger	
		Is becoming climate-neutral realistic?	
_			
	Sess	ion 4   Summer comfort and cooling concepts	
	Sess 4:20 pm	ion 4   Summer comfort and cooling concepts  Soraya López García  Guidance for robust summer comfort design	
		Soraya López García	
		Soraya López García	
	4:20 pm	Soraya López García Guidance for robust summer comfort design  Oliver Style  Keep cool and carry on: Passivhaus cooling experiences	
	4:20 pm 4:35 pm	Soraya López García Guidance for robust summer comfort design  Oliver Style  Keep cool and carry on: Passivhaus cooling experiences in the warm climates	
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Laszlo Lepp, Daniel Neyer

climates (sol.e.h.2 part 1/2)

Passive Houses and solar cooling in hot and humid

5:55 pm

### Award ceremony Passive House Award 2021

International architecture competition for energy efficient buildings

The award ceremony of the Passive House Award 2021 will start on September 10 at 6:45 pm.

The winners of the individual categories and special awards will be announced on site and will also be streamed live from the Historische Stadthalle Wuppertal.

The Passive House Award 2021 shows in an impressive way that outstanding architecture can be extremely energy efficient at the same time.

### Following:

Passive House Anniversary celebration



# Supporters and sponsors of the Passive House Award 2021

**Supporters:** 





Sponsors:











### Organisers:







# Component impulse presentations and poster pitches

New!

In 3-minute impulse presentations, products related to the Passive House will be introduced and the poster contributions presented. You can look forward to product presentations and content that will be briefly and succinctly brought to the point by the manufacturers and speakers.

The new moderated formats will also give you the opportunity to ask questions and set the course for further exchange with the Passive House experts. The component impulse lectures and poster pitches will always take place live at the same time and will be available as a recording after the conference.

In addition, the component impulse lectures are also available to the public via the free ONLINE Passive House trade exhibition. The poster pitches, on the other hand, are exclusively accessible to conference participants via the conference platform.

## Schedule of the component impulse presentations and poster pitches

September 11, 2021 Both from 12:45 pm to 1:45 pm

Live in the Historische Stadthalle Wuppertal, transmitted via live stream on our conference platform

September 14 and 15, 2021 Both from 12:45 pm to 1:45 pm

Online via our conference platform

### **PLENARY SESSIONS**

### PLENARIES | SEPTEMBER 11, 2021

### 9:00 am - 10:00 am Plenary presentation



**Jens Schuberth** German Umweltbundesamt

"13 statements for a greenhouse gas neutral building stock"

### 5:00 pm - 6:00 pm Plenary presentation



Prof. Dr. Ernst Ulrich von Weizsäcker

"Climate has become a big issue. Does the building industry already know that?"

Droughts, sea-level rise, freshwater scarcity, winter tourism - these are all issues that depend on the climate. In the Germanspeaking world, climate has become the Big Issue. The building industry was a big climate polluter. What is the turnaround? Technology, craft training, user behaviour and politics play the most important roles.

### PLENARY | SEPTEMBER 14, 2021

### 9:00 am - 10:00 am Plenary presentation



**Prof. Dr. Dirk Messner** President of the German Umweltbundesamt

### Session 5 | Energy consulting for buildings in Germany

	ession 5	Lifety Consulting for buildings in Germany
	10:05 am	Gerald Lange
١		EnerPHit retrofit for Plus Energy House
	10:20 am	Bernd Steinmüller
		Model project: sustainably transforming existing old single-family homes into premium Passive multi-family housing
	10:35 am	Dieter Herz
		Retrofitting a gymnasium with TES façade elements
	11:10 am	Susanne Schwickert
		User satisfaction versus air quality — ventilation in classrooms
	11:25 am	Susanne Theumer
		Comparing BEG and the EnerPHit Standard based on a single-family home
	11:40 am	Axel Bretzke
		Does quality assurance of energy-efficient design help reduce construction costs?
	Session 7	7   Prefabricated retrofitting \( \lambda \) outPHit
	2:20 pm	Gerhard Kopeinig
١		Prefabricated EnerPHit retrofit with wood modules
	2:35 pm	Michael Langkau, Roland Matzig
		SAINT-GOBAIN pre.Formance – prefabricated system
		for efficiently retrofitting residential buildings
	2:50 pm	Clarence Rose
		Living cost-neutral EnerPHit retrofits on the rise

### 3:25 pm Ron Beattie

Making existing homes fit for the future with TCosy Passive Retrofit

3:40 pm Rainer Pfluger

3:55 pm

Different ways and possibilities for application methods of serial renovation - outPHit

E. Vekemans, T. Giraudeau, S. Cochet, P. Liret

Deep Retrofits / outPHit : Lessons learned out of realised outPHit (EnerPHit/Energiesprong)

### Session 6 | Ecological construction material

10:05 am	Benjamin Krick	
	Life cycle balances of Passive House building components	
10:20 am	Martin Aichholzer	
	Taking the Passive House concept even further — consumption in operation and impact on buildings	
10:35 am	Jörg Linnig	
	Ärztehaus Waldbröl medical centre celebrates 20 years of proven sustainability – a progress report	
11:10 am	Katharina Prinzing	
	Timbered Passive House – a holistic evaluation	
11:25 am	Gerrit Horn	
	Using the natural resource wood in constructing timbered Passive Houses	
11:40 am	Anja Rosen	
	Recyclable Passive Houses – construction and evaluation with the Urban Mining Index	
	Session 8   It keeps getting better - using Passive House components	
2:20 pm	Adrian Muskatewitz	
•	Limitations to thermal bridge prevention in construction: column connections	_
2:35 pm	Jürgen Schnieders	
·	Efficient electric hot water production in newly built or retrofitted multi-family houses	
2:50 pm	Franz Freundorfer	
	The first sliding door in the phA+ energy efficiency class – the best there is	
3:25 pm	Arnold Drewer	_
	Insulation materials and their properties	
3:40 pm	Bjørn Kierulf	
	Building the future with carbon storing prefab walls	
3:55 pm	Markus Wolf, Philipp Weßling	
	Tapping into the market with straw-bale construction –	

the success story of Zimmerei Grünspecht eG

### **Component impulse presentations**

### 12:45 pm - 1:45 pm

### **Michael Schalk**

Systemlösung für dezentrale Wohnraumlüftung im Wohnbau

### Peter Hanken

GasSTOPP Luftdichtungsmanschetten

### Rafael Bravo Antolín

All-in-one HVAC+DHW+Solar thermal&PV&Indoor Air Quality Control (Anti-virus treatment)

### Justyna Tur

Innovationen beim Bauen mit Stroh

### **Julia Thomas**

An Australian German (Transocean) Marriage

### Gemma Anguera Bellet

Prefabricated system for custom-made concrete Passive Houses

### Jörg Gerl

1000WB - online-Datenbank für Wärmebrückendetails

### **Hannes Spitaler**

Analysis of thermal bridges in correspondence of innovative metal connectors

### Patrica Sulzbach

Schöck schließt die letzte große Wärmebrücke an Gebäuden (Stahlbetonwänden @-stütze)

(German contributions with simultaneous English translation)



### **Poster pitches**

### 12:45 pm - 1:45 pm

### **Andrew Michler**

Temporal\_haus Near Zero Carbon Climate Refugee Housing Proposal for Los Angeles

### **Horia Petran**

Is the Passive House Standard the Key to Secure nZEB Compliance? The Romanian Case Study

### Sofia Piperou

nZEBO: a dog warrior leads us to the future of the buildings

### Alice Tosatto

Role of Passive Buildings in the achievement of the EU55 targets in Austria

### Alejandro Moreno Rangel

Latin American Passivhaus approach: an exploration of SDGs and policy

### Marta Epelde, Iñaki del Prim

Indoor Air Quality and Thermal Bridges: a two-way path.

### **Enrico Bonilauri**

Moisture Protection: From Field Data to advanced design methods

### **Esther Gollwitzer**

Raumbuch = Struktur, Dokumentation, Kommunikation und Nebenrechnung

### Jing Sun

Erfahrung des Vermitteln des Passivhaus-Wissens im Ökopark, Qingdao

### Naemi Maile, Axel Bretzke

Sorptive- kapillaraktive Mineraldämmstoffe für die Innendämmung, ein Massenlösung?

### Michael Wehrli

Umgang mit Internen Leckagen der Luftdichtheit bei Wohnungen von Minergie-P-MFH

(German contributions with simultaneous English translation)

### **Passive House** certification **Quality assured!**









### Passive House and EnerPHit Certification

### Careful quality check for residential and non-residential buildings

The certifier checks the execution planning carefully and comprehensively. A certificate is only issued if the precisely defined criteria have been met without exception.

### **Advantages**

- Certainty that the agreed upon energy standard will actually be achieved
- Error prevention through external checking of the design prior to the start of construction
- Increased property value through independent quality assessment
- Submission of the Certified Passive House verification for grant programme
- Recognition as a **Certified Passive House Designer** is possible by submitting a certified building



Further information: passivehouse.com > certification > buildings > building certification guide > Passive House certifier for buildings

### **BUILDING TOURS | EXTRA PRESENTATIONS**

### **Building tours**

This year, we are once again offering you the opportunity to gain insights into current Passive House projects. Join our on-site excursions in Wuppertal and the surrounding area on Sunday, September 12, 2021 and discover Passive House projects from around the world as part of our ONLINE excursions.

Look forward to exciting and innovative projects. Experience sustainable buildings with comfort - for living and working and as meeting places for young and old. Find out about topics such as ventilation systems, insulation and how to avoid thermal bridges and learn from personal experiences and challenges and the associated individual solutions.

For more information on the planned excursions, please visit our conference website at

### www.passivehouseconference.org

### **Presentations on Passive House Certification**

Passive House Certifications - Quality Assurance for Buildings and Education. Would you like to learn how Passive House certification of buildings and professionals works and how you can incorporate it into your company or institution? Then join the on-site and online event "Passive House Certifications - Quality Assurance for Buildings and Education", where Corinna Geiger and Susanne Winkel from the Passive House Institute will share their insights and be available for questions to pave the way for future collaboration.

### 10 September 2021, 12.15 pm

In the large hall, following the opening plenary session



### \ us

### TUESDAY | SEPTEMBER 14, 2021

### Session 9 | Ventilation and heating

10:05 am	Berthold Kaufmann
	Ventilation systems combined with heat pump for heating, cooling and domestic hot water
10:20 am	Lois Arena, Kimberly Llewellyn
	Landmines & Red Flags: How to avoid these when designing VRF space conditioning systems
10:35 am	Hannah Jones
	The application of ambient loop district heating in multi-residential Passive Houses
11:10 am	Esther van Eeden, Jonathan Kearns
	Isolation Environments: How Passive House = Passive Health
11:25 am	Alan Clarke
	Experience of air to water heat pumps for single family Passivhaus dwellings
11:40 am	William Monteleone
	Development of a modular heat pump with compact and silent façade-integrated outdoor unit
Session 11	Future prospects - communication and dissem
	ination
4:05 pm	Ingrid Westman
	Don't ask the client - just do it!
4:20 pm	Pablo Carranza Navarro
	Turning carbon into diamond in a sustainable and replicable way.
4:35 pm	Vladimir Pezel
	From a client to a CPHD - Passive House certification journey
5:10 pm	Garth Grunerud, Sonia Zouari
	Parks Canada newest discovery centre, lab & office leading PH+ greening government vision
5:25 pm	Stefanos Pallantzas
	"Show me your Passive House!": A communication strategy for better buildings
5:40 pm	Ann-Marie Fallon
	A Scottish EnerPHit retrofit plan: Upgrading the educa-

### TUESDAY | SEPTEMBER 14, 2021

### Session 10 | International Passive House projects

10:05 am	Allison Holden-Pope
	The Fold Passive Duplex Plus: Lock-off suites provide density and flexibility
10:20 am	Ifrah Ariff
	Evaluating energy use in two Passive House Plus dwellings in the UK
10:35 am	Cillian Collins
	SoLo prototype and lessons learned for larger scale mass timber Passive House projects
11:10 am	Camille Sifferlen
	Passive House concepts for India
11:25 am	Bartosz Krolczyk
	The Passive House with a winter garden – the first PH Plus certified house in Poland
11:40 am	Marcus Strang
	Passive House Standard for CLT NZEB in tropical climates

### Session 12 | Monitoring and quality assurance

Luftdurchlässigkeitsmessung eines 125 m hohen Hoch-

Stefanie Rolfsmeier

Evangelia Mitsiakou

much extra Passivhaus costs.

4:05 pm

5:40 pm

	hauses (Projekterfahrung)
4:20 pm	Søren Peper
	Massenhaft realisierte Verbesserungen (SINFONIA Innsbruck)
4:35 pm	Walter Orlik
	Elf Jahre Bahnstadt Heidelberg: Qualitätssicherung und Monitoring
5:10 pm	Rolf Demmler
	Real-life performance evaluation of eco-city Passive House apartments in Tianjin, China
5:25 pm	Shane Colclough
	Deep energy retrofits: Who benefits, who pays & how to inform effective policy development

Less than 2%: "Reimagine" the building to verify how



Benjamin.Krick: components@passiv.de
Zeno Bastian: building.certification@passiv.de



- Research and consultancy
- Dynamic building simulations
- Passive House building certification
- Development and certification of Passive House building components
- International Passive House Conference
- Passive House Designer/Tradesperson course materials
- PHPP the Passive House design tool
- International Passive House Association

### TUESDAY | SEPTEMBER 14, 2021

### Poster pitches

### 12:45 pm - 1:45 pm

### Mo Pengcheng

Analysis On Improving Air Tightness of Passive House Measures from Perspective of Testing

### **Toby Cambray**

Should we use hydrophobic treatments to reduce moisture risk with Internal Wall Insulation

### Neha Das

Comparing Thermal comfort and Energy performance evaluation in Vernacular and Contemporary

### Macjel Kasperek, Paul Smith

Design tool to analyse impact of early stage design choices in affordable homes schemes

### Sarah Lewis

Adapting PHPP to reflect periodic heating patterns

### **Aurelia Lippolis**

Auxiliary Tools supporting the PHPP modelling

### Camilo Bravo Orlandini

Performance of a Single-Family House in Chile Built to Passivhaus Standard

### Mark Siddall

Larch Corner: An In Depth Case Study

### Alex Towler, Laurie Michaelis

Pioneering and innovative EnerPHit Plus

### **Stuart Hood**

Clayton Community Centre - Lessons learned from a large, complex PassivhausBuilding

### Margarita Lemoni

Greek-German Passive House collaboration in the year of a pandemic

### WEDNESDAY | SEPTEMBER 15, 2021

### Session 13 | Energy efficient non-residential buildings

	10:05 am	Elise Woestyn, Elena Reyes
)		Charting new territory in Passive House: Vancouver Fire Hall 17
/	10:20 am	Dragos Ionut Arnautu, Marius Soflete
		Lessons learned from the first certified office building in Romania (PHILEB)
	10:35 am	Allan Smith, Will South
		A comparison between two identical nurseries in Scotland - one Passivhaus one traditional
	11:10 am	Alan Clarke
		Low energy free-running paper stores: Moisture buffering model and monitored data
	11:25 am	Adelina Uriarte Gonzalo-Bilbao, Pedro Mariñeralera
		Students' dormitory in Vitoria-Gasteiz /Basque C-Spain: A standard project becomes a Passive House
	11:40 am	Marco Filippi
		EnerPHit school in Collecchio, Parma
_		
	Session 1	5   Recommendations on how to implement PH
	Session 1	5   Recommendations on how to implement PH  Marine Sanchez
)		
	4:05 pm	Marine Sanchez Successful PH feasibility study: How to guide a team
)		Marine Sanchez Successful PH feasibility study: How to guide a team through a front-loaded design process
	4:05 pm	Marine Sanchez Successful PH feasibility study: How to guide a team through a front-loaded design process Greg Hoffart
	4:05 pm 4:20 pm	Marine Sanchez Successful PH feasibility study: How to guide a team through a front-loaded design process  Greg Hoffart  Passive or nothing; Passive Simple!!
	4:05 pm 4:20 pm	Marine Sanchez Successful PH feasibility study: How to guide a team through a front-loaded design process  Greg Hoffart Passive or nothing; Passive Simple!!  Szabolcs Varga A comparative life cycle CO <sub>2</sub> analysis of a step-by-step
	4:05 pm 4:20 pm 4:35 pm	Marine Sanchez  Successful PH feasibility study: How to guide a team through a front-loaded design process  Greg Hoffart  Passive or nothing; Passive Simple!!  Szabolcs Varga  A comparative life cycle CO <sub>2</sub> analysis of a step-by-step EnerPHit versus a shallow retrofit
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macro economic considerations

### WEDNESDAY | SEPTEMBER 15, 2021

### Session 14 | Policy, networks and education

10:05 am	Ann-Marie Fallon
	Scotland's education estate: Policy ambitions at scale
10:20 am	Yetsuh Frank, Lois Arena
	Passive House Retrofits: Climate action in the Northeast US
10:35 am	Giorgia Tzar
	The International Passive House Association: Growing the Passive House movement worldwide
11:10 am	Tomas O'Leary
	Using analogies for fun and impactful Passive House education
11:25 am	Maria del Carmen Rivero
	Passive House site supervisors: Skills and knowledge for successful PH building sites
11:40 am	Bega Clavero
	Start walking and the path will become clear: Lessons learned during 10 years of Passivhaus
	Session 16   PHPP and other tools
4:05 pm	Session 16   PHPP and other tools  Esther Gollwitzer
4:05 pm	·
4:05 pm	Esther Gollwitzer
4:05 pm 4:20 pm	Esther Gollwitzer  Multi-pane windows in the PHPP  Tobias Unger
<u> </u>	Esther Gollwitzer  Multi-pane windows in the PHPP
<u> </u>	Esther Gollwitzer  Multi-pane windows in the PHPP  Tobias Unger  Optimisation approaches for affordable and
4:20 pm	Esther Gollwitzer  Multi-pane windows in the PHPP  Tobias Unger  Optimisation approaches for affordable and energy-efficient construction
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4:20 pm 4:35 pm	Esther Gollwitzer  Multi-pane windows in the PHPP  Tobias Unger  Optimisation approaches for affordable and energy-efficient construction  Susanne Theumer  Energy consulting with PHPP
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Passivhaus student accommodation: Lessons learnt in the UK

### Passive House courses and E-learning



Gain knowledge for the design and construction of highly energy efficient buildings.

The Passive House Institute, together with numerous partner organisations worldwide, offers a variety of training courses and awards certificates and seals for successfully trained tradespersons and designers/consultants.

# Informations for professionals and educational institutions at: www.passivehouse.com/training









Passive House Basics











### WEDNESDAY | SEPTEMBER 15, 2021

### Poster pitches

### 12:45 pm - 1:45 pm

### **Bart Cremers**

Why balanced ventilation outperforms window ventilation

### Jiandong Li

Comparison of international standards for air to air energy recovery ventilators

### **Edward Lowes**

Calculation of equivalent thermal conductivities for Passive House construction systems

### **Tomaz Stich**

Prefabricated Certified Passive House in the Rocky Mountains

### **Ilka Cassidy**

The Glue that Binds: Single Integrated Manufacturing Models and Off-Site Prefabrication

### **Ioannis Benos**

Prefabricated wooden mansion in Corfu island

### Julien Rivat

Concrete vs Straw during strong heat wave, monitoring data

### **Dimitris Pallantzas**

Simulation of an earth-to-air heat exchanger into the PHPP; SHX Tool

### Alexandra Mangina, Dimitris Pallantzas

Feasibility Study in a neighbourhood in Athens



iPHA – The International Passive House Association

The global Passive House network for energy efficiency in construction

iPHA works to promote the Passive House Standard and foster a greater public understanding of its significance. comfortable affordable sustainable



Encouraging the global exchange of Passive House knowledge, iPHA communicates with the media, the general public and the entire range of construction professionals.

### Reap the benefits of iPHA membership:

- Passipedia, the wiki-based Passive House resource
- The iPHA forum, a dynamic platform for exchange
- Presentation in the iPHA member database
- Newsletters detailing Passive House developments
- Discounts on Passive House Institute services and events
- An array of expert material





Join iPHA today!

### **SCHEDULE | CONFERENCE FEES**

### **Schedule**

The 25th International Passive House Conference 2021 is planned as a hybrid event and will take place ONLINE and on-site at the Historische Stadthalle Wuppertal.

It is composed of two parts: On September 10 and 11, 2021, the first part of the conference is planned, broadcasted as a live stream from the Historische Stadthalle Wuppertal, with audience.

This will be followed, on Sunday, September 12, by on-site excursions in Wuppertal and the surrounding area, as well as ONLINE excursions to built Passive House projects.

The second part of the conference, on September 14 and 15, 2021 will be held as an ONLINE-only event.

### Conference fees

We would like to make it possible for you to participate in the conference in any case. For this purpose, we have provided 2 ticket options:

You can attend part 1 of the conference in the Historische Stadthalle Wuppertal and experience part 2 ONLINE **or** enjoy the complete conference in a live stream ONLINE at home.

This results in the following booking options, which you can choose in our online ticket store:

### Participation online and in Wuppertal

600	€
750	€
250	€
375	€
	250

### **Participation online only**

Conference ticket - Early bird	300	€
Conference ticket - Regular price	450	€
Conference ticket - Speaker	150	€
Conference ticket - Poster speaker	225	€

As member of iPHA, IG Passivhaus or Passivhaus Austria you will receive a discount of 25% on the above prices.

Students receive a discount of 75% on the above prices.
(Full-time students only, copy of student ID must be presented)

### **Building tours**

to built Passive Houses on site in Wuppertal and surroundings  $100 \ \in$  (Online building tours included in the conference ticket)

All prices include VAT.

For further information on ticket purchase, cancellations, services, cancellation, changes and data processing, please refer to the General Terms and Conditions at www.passivehouseconference.org

### **Passive House Exhibition**

Both in new buildings and in the modernization of old buildings, passive house components with their outstanding quality ensure a high level of comfort and the lowest energy costs.

Whether insulation materials, windows or ventilation units with heat recovery - the leading suppliers of Passive House components are represented at the trade exhibition. As a visitor, you will also receive first-class advice, information material, demonstration objects and always an open ear for your questions.

On-site

Date: Friday, September 10 and

Saturday, September 11 2021

Location: Historical City Hall Wuppertal
Only accessible to conference participants

ONLINE

Wednesday, September 1 - Thursday, September 16, 2021 Open to public and free of charge

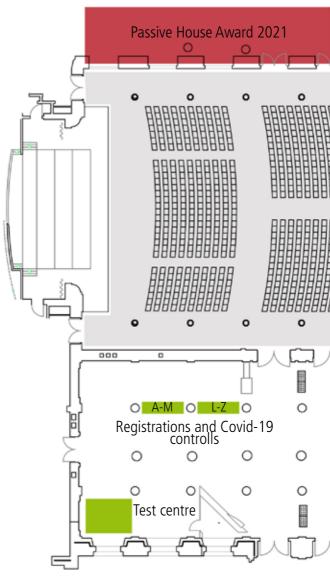
### The trade exhibition is aimed at:

Architects | Planners | Property developers Engineering offices | Energy consultants Energy suppliers | Tradeworkers Science & Research | Trade | Investors Industry | Municipalities | Building families

### **Exhibition topics**

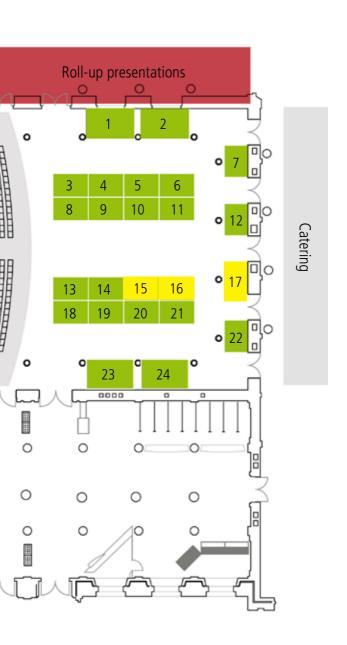
- Thermal insulation and connection solutions
- Windows and doors
- Ventilation systems with heat recovery
- Heat pump compact units, air-conditioning split units
- Geothermal heat exchangers
- Furnaces and heating systems, solar/PV systems
- Measuring devices for the control of airtight construction and ventilation technology, infrared cameras
- Products for airtightness
- Prefabricated houses and building components
- Solutions for construction companies, trade associations, architecture and engineering offices, energy consultants
- Software, technical literature, further education
- Renewable supply solutions for Passive Houses





**MAIN ENTRANCE** 

### **HALL PLAN**



1	Wolf GmbH
2	EnergieAgentur NRW GmbH
3	ACIN instrumenten
4	SIGA Cover AG
5	GIH Bundesverband e.V.
6	OPTIWIN GmbH
7	Sonnenhaus-Institut e.V.
8	pro Passivhausfenster GmbH
9	J. PICHLER GmbH
10	Schöck Bauteile GmbH
11	SWISSPACER Vetrotech Saint-Gobain (Int.) AG
12	1000WB GmbH
13	Technoform Glass Insulation GmbH
14	Joulia SA
15-	6 IG Passivhaus Deutschland International Passive House Association Passivhaus Austria

17	Passi	vhaus Institut GmbH
18	bluN	lartin GmbH
19	Melte & Co	em Wärmerückgewinnung GmbH .KG
20	Eisec	licht GmbH
21	Gerd	Thien jr.
22	STEIG	CO SE
23	Moll	bauökologische Produkte GmbH
24	Roth	o Blaas Srl



### 1000WB GmbH

Max-Liebermann-Str. 24

99099 Frfurt **GFRMANY** 

jg@1000wb.de www.1000wb.de Stand Nr.: 12

### ACIN instrumenten

Handelskade 76 nj.bink@acin.nl 2288 Rijswijk www.acin.nl Stand Nr.: 3 **NFTHERLANDS** 

### bluMartin GmbH

Argelsrieder Feld 1b 82234 Weßling

**GFRMANY** 

info@blumartin.de www.blumartin.de Stand Nr.: 18

### Eisedicht GmbH

Industriestraße 3 32694 Dörentrup

**GFRMANY** 

info@eisedicht.de www.eisedicht.de Stand Nr.: 20

### EnergieAgentur NRW GmbH

Kasinostraße 19-21 42103 Wuppertal

**GFRMANY** 

info@energieagentur.nrw www.energieagentur.nrw

Stand Nr.: 2

### Gerd Thien jr.

Kirchstrstraße 14 26215 Wiefelstede

**GERMANY** 

info@isostaby.de www.isostaby.de Stand Nr.: 21

### GIH Bundesverband e.V.

Unter den Linden 10 10117 Berlin **GERMANY** 

info@gih.de www.ghi.de Stand Nr.: 5

### LIST OF EXHIBITORS

### IG Passivhaus Deutschland

Rheinstraße 44-46 info@ig-passivhaus.de 64283 Darmstadt www.ig-passivhaus.de GFRMANY **Stand Nr.: 15-16** 

### International Passive House Association

Rheinstraße 44-46 info@passivehouse-international.org www.passivehouse-international.org

GERMANY Stand Nr.: 15-16

### J. PICHLER GmbH

Karlweg 5

9021 Klagenfurt office@pichlerluft.at am Wörthersee www.pichlerluft.at Stand Nr.: 9

### Joulia SA

Zentralstrasse 115 hello@joulia.com 2503 Biel www.joulia.com SWITZERLAND **Stand Nr.: 14** 

### Meltem Wärmerückgewinnung GmbH & Co.KG

Am Hartholz 4 info@meltem.com 82239 Alling www.meltem.com GERMANY **Stand Nr.: 19** 

### Moll bauökologische Produkte GmbH

Rheintalstraße 35-43 event@proclima.de 68723 Schwetzingen GERMANY stand Nr.: 23

### **OPTIWIN GmbH**

Wildbichlerstraße 1 office@optiwin.net 6341 Ebbs www.optiwin.net AUSTRIA **Stand Nr.: 6** 

### Passivhaus Austria

Anichstraße 29/54 6020 Innsbruck

**AUSTRIA** 

office@passivhaus-austria.org www.passivhaus-austria.or

Stand Nr.: 15-16

### Passivhaus Institut GmbH

Rheinstraße 44-46 64283 Darmstadt GERMANY mail@passiv.de www.passiv.de Stand Nr.: 17

### pro Passivhausfenster GmbH

Martin-Greif-Straße 20 83080 Oberaudorf

GFRMANY

ff@smartwin.eu

www.passivhausfenster.com

Stand Nr.: 8

### Rotho Blaas Srl

Etschweg nr. 2/1 39040 Kurtatsch

ITALY

info@rothoblaas.com www.rothoblaas.de **Stand Nr : 24** 

### Schöck Bauteile GmbH

Vimbucher Str. 2 76534 Baden-Baden

**GERMANY** 

schoeck@schoeck.com www.schoeck.com/de

Stand Nr.: 10

### SIGA Cover AG

Rütmattstrasse 7 6017 Ruswil SWITZERLAND contact@siga.swiss www.siga.swiss **Stand Nr.: 4** 

### Sonnenhaus-Institut e.V.

Augsburger Straße 35 94315 Straubing GERMANY info@sonnenhaus-institut.de www.sonnenhaus-institut.de

Stand Nr.: 7

### LIST OF EXHIBITORS

### **STEICO SE**

Otto-Lilienthal-Ring 30 info@steico.com 85622 Feldkirchen www.steico.com GERMANY Stand Nr.: 22

### SWISSPACER Vetrotech Saint-Gobain (Int.) AG

Sonnenwiesenstrasse 15 info@swisspacer.com 8280 Kreuzlingen www.swisspacer.com SWITZERLAND **Stand Nr.: 11** 

### **Technoform Glass Insulation GmbH**

Matthäus-Merian-Str. 6 info.oesde@technoform.com 34253 Lohfelden www.technoform.com Stand Nr.: 13

### **Wolf GmbH**

Industriestraße 1 info@wolf.eu 84048 Mainburg www.wolf.eu GERMANY **Stand Nr.: 1** 



### Organising body:



### Passive House Institute

Rheinstraße 44/46 | D-64283 Darmstadt, DE

### Co-organising bodies:





### Under the patronage of:

Ministry of Economic Affairs, Innovation, Digitalization and Energy of the State of North Rhine-Westphalia



### Information on training points and online registration at: www.passivehouseconference.org

### Schedule: 25th International Passive House Conference 2021

ONLINE Passive House Exhibition 01-16 September 10.+11. September PART 1 Conference programme and

Passive House Exhibition

11. September Passive House Networking Party

12. September Passive House anniversary celebration 14.+15. September PART 2 Conference programme

### Conference languages: German and English

Selected German presentations will be translated into English.

### With kind support from:



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