

**For Exhibitors –
conference accompanying exhibition**

**13th International
BUILDAIR Symposium**

June 2/3, 2023

**Hannover Congress Centrum (HCC)
with accompanying trade exhibition**

Program



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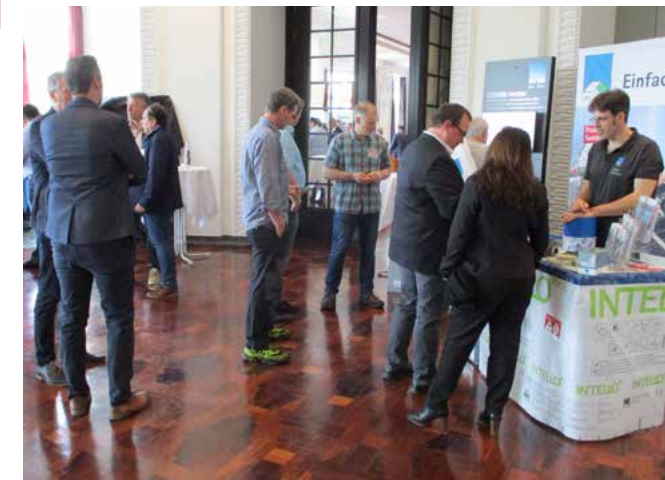
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In 2023, too, a specialist trade fair will be held in conjunction with the International BUILDAIR Symposium which will complement the presentation topics. All participants will enjoy the opportunity to view your latest products and to request first-hand information on new developments. Your company presentation is the perfect match for this target group.



Around 350 square meters of exhibition space are available right next to the plenary hall. If you wish to take this opportunity to present your wares, systems and processes to around 180 participants, please reserve your spot as soon as you can.

You can find the registration documents at www.buildair.eu

Deadline for exhibitors is May 19, 2023.

For questions about the exhibition, please contact:
Margareta Hollmann
hollmann@e-u-z.de

13th International BUILDAIR Symposium

Airtight Buildings, Thermography and Ventilation Systems in Practice

Dear colleagues all over the world,

we cordially invite you to the 13th International BUILDAIR Symposium at Hannover Congress Centrum on June 2–3, 2023. We are very pleased to see you again in person and to chat with you face-to-face.

For more than 30 years we have been preoccupied with one of the most crucial aspects of carbon-neutral buildings: the airtightness of the building envelope. The conference program addresses the most important airtightness issues and presents new ideas and technological advances which are particularly useful for retrofitting existing buildings. Please refer to the program overview below for more information.

Sustainable buildings require durable components and expert services. Therefore, this symposium will be held in combination with a trade fair where you will see novel and proven products for airtightness, ventilation and thermography. And at the evening conference dinner the discussions that were taken up during the day can be continued in more depth – which might even lead to new concepts and joint projects.

We would like to thank the symposium sponsors, BlowerDoor GmbH, Springe, and proclima Moll baubiologische Produkte GmbH, Schwetzingen. Thanks to their support, we were able to keep the conference fee at an affordable level despite significant cost increases.

Welcome to Hannover!

**On behalf of the entire organisational team
Wilfried Walther and Uwe Brockmann**

e·u·[z]

energie + umwelt zentrum
am deister

List of speakers

- Prof. Mark Bomberg**, Clarkson University, Potsdam, NY, USA
Beda Bossard, Hochschule Luzern, Institut für Gebäudetechnik und Energie, Horw, CH
Lars Due, Isolink, Boeslunde, DK
RA Andreas Fligg, von Appen, Prof. Dr. Fischer, Prof. Schonebeck mbB, Oldenburg, D
Stefan Hückstedt, pro clima Moll bauökologische Produkte GmbH, Schwetzingen, D
Dr.-Ing. Benedikt Kölsch, Cerema-Research team BPE, L'Isle d'Abeau, F
Sergio Melgosa Revillas, Ebuilding, Madrid, E
Gregor Notter, Hochschule Luzern, Institut für Gebäudetechnik und Energie, Horw, CH
Søren Peper, Passivhaus Institut Darmstadt, D
Dr.-Ing. Johannes Pernpeintner, Deutsches Zentrum für Luft- und Raumfahrt e.V., German Aerospace Center, Köln, D
Theo Reuter, Baudiagnostik-Reuter, Ganderkesee, D
Fabrice Richieri, PhD, DGAC / SNIA / Département Ingénierie Bâtiment, Mérignac Cedex, F
Stefanie Rolfmeier, BlowerDoor GmbH, Springe, D
Dr.-Ing. Anna Romanska-Zapała, Cracow University of Technology, Krakau, PL
Thomas Runzheimer, E-Haus Ingenieurbüro, Wettenberg, D
Oliver Solcher, Ingenieurbüro für Wärmetechnik, Fachverband Luftdichtheit im Bauwesen e.V., Berlin, D
Theodoros Sotirios Tountas, F.U.V. Group, Athen, GR
Michael Wehrli, Gutachterbüro Wehrli, theCH Thermographie und Blower-Door-Verband Schweiz, Marthalen, CH
Joachim Zeller, Ingenieurbüro Zeller, Biberach, D

13th International BUILDAIR Symposium

Airtight Buildings, Thermography and Ventilation Systems in Practice

Friday, June 2, 2023

9:30 **Welcome and opening address**
Wilfried Walther, D

Country reports

9:40 **Country report Germany – FLiB**
Oliver Solcher, D

Presentation of the National Annex to SN EN ISO 9972, effective December 2022
Michael Wehrli, CH

Airtightness vs. local mentality in Greece
Theodoros Sotirios Tountas, GR

90 seconds – exhibitors have the floor

10:50 Coffee break and trade fair visit

Good and airtight building envelopes

11:20 **Airtightness in existing buildings and installation specifications**
Stefan Hückstedt, D

Airtightness of exhaust flaps for extractor systems
Søren Peper, D

Unusual behavior of vapor barrier membranes
Lars Due, D

12:30 Lunch break and trade fair visit

Efficiency of ventilation systems

14:00 **Air flow measurements at two pairs of alternately operating air handling units (push/pull units) under wind impact**
Oliver Solcher, D

Attempt to improve the functioning of high-pressure induction unit – First real diagnosis campaign
Fabrice Richieri, F

Revitalized historical ventilation systems and new windows in classrooms
Thomas Runzheimer, D

15:30 Coffee break and trade fair visit

Energy saving through window service
Beda Bossard, CH

Quality assurance

16:30 **Mold at the construction site**
Theo Reuter, D und Andreas Fligg, D

17:00 End of the session

19:00 Conference dinner (special registration required)

Saturday, June 3, 2023

Efficiency of ventilation systems

9:00 **Energy losses and defects in ventilation systems, especially in single and multi-family homes**
Theo Reuter, D

Additional information on standard measurements

9:30 **Air flow control as a key to the next generation of affordable and sustainable buildings**
Mark Bomberg, USA und
Anna Romanska-Zapała, PL

Air Leakage Detection Protocol
Sergio Melgosa Revillas, E

10:45 Coffee break and trade fair visit

11:15 **Lock-In Thermography with Blower Excitation for air Leakage Detection at Facades**
Johannes Pernpeintner, D

Improvement of the ISO 9972: proposal for a more reliable standard to measure airleakage rate using fan pressurization method
Benedikt Kölsch, F

12:15 Lunch break and trade fair visit

Measuring special buildings

13.30 **Air pressure measurements at a particularly airtight and unusual building: “Concrete shell for CO₂ storage in recycled concrete aggregates”**
Michael Wehrli, CH

Pressurization time for measuring very airtight buildings and buildings with flexible airtight layers
Joachim Zeller, D

Zone measurements and their analysis as carried out in apartments
Gregor Notter, CH

Measuring airtightness of 100-meter high-rise buildings (lessons learned)
Stefanie Rolfsmeier D

15:20 **Closing words**

15:30 End of the symposium

Data and facts

Registration

To register, please use the online form (www.buildair.eu).

Conference secretariat

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bildung@e-u-z.de

Terms of registration

Registration fee	until 14.04.2023		later	
	excl. VAT	(inkl. VAT)	excl. VAT	(inkl. VAT)
both days	489 €	(581,91 €)	549 €	(653,31 €)
one day	289 €	(343,91 €)	329 €	(391,51 €)
students both days	120 €	(142,80 €)	120 €	(142,80 €)
Conference dinner (room and buffet)	40 €	(47,60 €)	40 €	(47,60 €)

Prices do not include accommodation. **The early-bird fee only applies if registration have been made before April 14, 2023.**

Fees cover: attendance of all the sessions and the exhibition, catering, conference proceedings, download detailed contributions.

Participation at the conference dinner only with appropriate booking, drinks have to be paid for himself.

Deadline for registration is May 26, 2023.

Once you have registered, you will receive a confirmation of your registration, a map along with directions to find the Symposium venue, and the invoice. Cancellation of registration has to be submitted in writing. We will charge an administrative fee of 60.00 € (incl. VAT) if cancellation is made up to 21 days prior to the Symposium, date as postmarked. After that date, or if you are unable to attend the Symposium, we will charge the full amount as specified in your invoice. Prior consultation provided, you may suggest an alternative participant.

In case the Symposium has to be cancelled for extraordinary reasons, we will inform you immediately. In that event, we are only obliged to refund any participation fees you may have paid before that date. We reserve the right to change the list of speakers and/or the program in exceptional cases. In any case, the liability is limited to the participation fee.



Organiser

Energie- und Umweltzentrum am Deister GmbH (e-u[z])

Dates

Symposium: Friday, June 2, 2023, at 9:30 a.m., until Saturday, June 3, 2023, at about 3:30 p.m.
Conference Dinner: Friday, June 2, 2023, 7:00 p.m.

Conference venue

Hannover Congress Centrum (HCC), Theodor-Heuss-Platz 1–3, 30175 Hannover, Germany. Directions to the venue will be sent to you with your invoice. Parking at the HCC garage is at the participants expense. We encourage you to be environmentally friendly and come by public transport.

Conference record

All abstracts will be included in the printed Conference Proceedings in German and English. The contributions provided by the speakers in the original language can be downloaded from the download website after the conference.

Languages

Simultaneous interpretation will be provided for the complete conference in English and German.

Booking of accommodation

Please book your own accommodation. We have reserved a limited number of rooms for the participants in the Symposium at the Congress Hotel am Stadtpark. The key word for booking one of these rooms will be provided to you with your invoice.

For more information: www.buildair.eu