

# 11<sup>th</sup> International BUILDAIR Symposium

May 24/25, 2019

Hannover Congress Centrum (HCC)  
with accompanying trade exhibition

## Programme



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## For Exhibitors – conference accompanying exhibition

In 2019, 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.

**Deadline for exhibitors is May 10, 2019.**

For questions about the exhibition and for your registration, please contact:

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# 11<sup>th</sup> International BUILDAIR Symposium

## Airtight Buildings, Thermography and Ventilation Systems in Practice

Providing information, presenting and discussing experiences: The 11<sup>th</sup> International BUILDAIR Symposium will be held under this slogan in Hannover on 24 and 25 May, 2019, to which we cordially invite all expert colleagues from Germany, Europe and elsewhere.

The steadily rising number of attendees, with 180 in 2017 which is 30% more than two years earlier, demonstrates that well-founded specialist information and exchange of ideas among thermography teams, planners, installation crews, architects and energy consultants are much in demand. Our Symposium 2019 addresses this and will first inform you of current developments and novel approaches, and then encourage mutual exchange of experience, also transcending national borders.

Speaking of exchange, one topic that is currently under discussion is the national annexes to ISO 9972: Thermal performance of buildings – Determination of air permeability of buildings. For this reason we want to investigate where these annexes are different and what they have in common. To answer this question, representatives from various countries attending the symposium will present the respective regulations they have to adhere to. The symposium will conclude with another highlight: On the afternoon of the second day of the conference, the focus will be on preventing leaks. And here we will need your active participation ...

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 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, proclima Moll bauökologische Produkte GmbH and proKlima – Der energy-Fonds. Thanks to their support, as in the past we have been able to keep the price for your participation low.

### Welcome to Hannover!

On behalf of the entire organisational team

Wilfried Walther and Uwe Brockmann



energie + umwelt zentrum

### List of speakers

- Torsten Bolender**, Ingenieurbüro n50, Kassel, D
- Lars Due**, Isolink, Boeslunde, DK
- Stefan Hückstedt**, pro clima Moll bauökologische Produkte GmbH, Schwetzingen, D
- Andreas Kaschuba-Holtgrave**, Energieberatung Holtgrave, Osnabrück, D
- RA Ulf Köpcke**, Anwaltskanzlei am Augustinerplatz, Freiburg i.Br., D
- Prof. Dr.-Ing. Hartwig Künzel**, Fraunhofer Institut für Bauphysik, Holzkirchen, D
- Sergio Melgosa Revillas**, Ebuilding, Madrid, E
- Dr. Jiří Novák**, Czech Technical University, Prague, CZ
- Søren Peper**, Passivhaus Institut Darmstadt, D
- Michael Pils**, Sachverständigenbüro Bau, Haus und Garten, München, D
- Martin Prignon**, Université catholique de Louvain/Architecture et Climat, Louvain-la-Neuve, B
- Theo Reuter**, Baudiagnostik Reuter, Brake, D
- Dr. Fabrice Richieri**, DGAC/SNIA/Département Ingénierie Bâtiment, Mérignac Cedex, F
- Stefanie Rolfmeier**, BlowerDoor GmbH, Springe, D
- Thomas Runzheimer**, E-Haus Ingenieurbüro, Wettenberg, D
- Helmut Schuler**, Holzbau Baden-Württemberg, Bildungszentrum Biberach, Biberach/Riss, D
- Mark A. Shirley**, 2eva.ie Independent Energy Solutions, Carlow, IRL
- Oliver Solcher**, Fachverband Luftdichtheit im Bauwesen e.V., Berlin, D
- Benjamin Standecker**, Ingenieurbüro Standecker, Schwabach, D
- Dr. Klaus Vogel**, Sachverständigenbüro und Büro für Mediation, Pflaumdorf, D
- Wilfried Walther**, Büro für Bauphysik und Energieberatung, Springe, D
- Michael Wehrli**, Gutachterbüro Wehrli/theCH Thermographie und Blower-Door-Verband Schweiz, Marthalen, CH
- Joachim Zeller**, Ingenieurbüro Zeller, Biberach, D

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## Airtight Buildings, Thermography and Ventilation Systems in Practice

**Friday, May 24, 2019**

9:30	<b>Welcome and opening address</b> Wilfried Walther, D
<b>Session 1: Reports from associations – standards and regulations – national annexes of ISO 9972</b>	
9:40	<b>Information from the German Association for Airtightness in the Building Industry (FLiB e.V.)</b> Oliver Solcher, D
	<b>Information from the Thermography and Blower Door Association Switzerland</b> Michael Wehrli, CH
	<b>Reports from various countries on the status of the national annexes of ISO 9972</b> Representatives from Denmark, France, Austria, Spain and the Czech Republic
10:50	Coffee break and trade fair visit
11:20	<b>German national annex to DIN EN ISO 9972</b> Joachim Zeller, D
	<b>Your questions please!</b>
	<b>Introduction and survey on „Preventability of leakages“</b> Klaus Vogel, D
12:10	<b>90 seconds – Exhibitors have the floor</b> Exhibitors
12:30	Lunch break and trade fair visit
<b>Session 2: Measurement in practice</b>	
14:00	<b>Measurement of airtightness in high-rise structures</b> Søren Peper, D
	<b>Report on air permeability measurements in consumer markets and office blocks in actual practice</b> Torsten Bolender, D

	<b>Measurement at multi-family dwellings – spot-check measurements and internal leakages</b> Andreas Kaschuba-Holtgrave, D
15:15	Coffee break and trade fair visit
15:45	<b>The challenge of measuring highly leaktight buildings and apartments</b> Stefanie Rolfmeier, D
	<b>Assessment of durability of airtightness in passive houses by means of repeated testing</b> Jiří Novák, CZ
	<b>Measurement of components permeability in-situ</b> Martin Prignon, B
	<b>Thermography and transfer resistances – influencing factors that are underestimated</b> Benjamin Standecker, D
17:30	End of the session
19:15	Conference dinner (special registration required)

**Saturday, May 25, 2019**

<b>Session 3: Ventilation</b>	
8:30	<b>Feedback about a full ventilation system reconditioning in a non-standard sealed building</b> Fabrice Richieri, F
	<b>Airtightness – ventilation concept and window ventilation</b> Oliver Solcher, D
	<b>The most frequent planning and installation errors in ventilation systems – report on actual practice</b> Theo Reuter, D

<b>Session 4: Sealing and bonding</b>	
9:45	<b>Adhesives are finally regulated: DIN 4108-11</b> Stefan Hückstädt, D
10:10	Coffee break and trade fair visit
10:40	<b>Special features of air sealing in historical timber constructions</b> Thomas Runzheimer, D
	<b>Airtight interface connections in the elements</b> Helmut Schuler, D
<b>Session 5: Leakages in the building envelope</b>	
11:30	<b>When airtightness alone is not enough: Structural damage due to flank convection</b> Michael Wehrli, CH
	<b>Airflow through lightweight wall assemblies</b> Hartwig Künzel, D
	<b>Claims for rectification? – Moisture-resistant and moisture-sensitive structures</b> Wilfried Walther, D
12:45	Lunch break and trade fair visit
13:45	<b>Technical requirement level for the preventability of leakages</b> Klaus Vogel, D
	<b>The dispute over the airtightness of the building envelope under the terms of the contract for work and services – appraisal in spring 2019</b> Ulf Köpcke, D
	<b>Your questions please!</b> to Klaus Vogel, Ulf Köpcke
	<b>Closing words</b>
15:15	End of the symposium

## Data and facts

### Registration

To register, please use the online form ([www.buldair.eu](http://www.buldair.eu)).

### Conference secretariat

Energie- und Umweltzentrum am Deister GmbH  
Sabine Schneider  
Zum Energie- und Umweltzentrum 1  
31832 Springe, Germany  
Tel. +49 5044 975-20, Fax +49 5044 975-66  
E-mail: [bildung@e-u-z.de](mailto:bildung@e-u-z.de)

### Terms of registration

	Registration fee until April 5, 2019	later
	excl. VAT	excl. VAT
both days	389 €	449 €
one day	229 €	269 €
Conference Dinner (incl. welcome drink)	35 €	35 €

Prices do not include accommodation. **The early-bird fee only applies if registration have been made before April 5, 2019.**

Fees cover: attendance of all the sessions and the exhibition, lunches and refreshments during the conference, the transcript of the conference.

Participation at the conference dinner only with appropriate booking, drinks (without the welcome drink) have to be paid for himself.

### Deadline for registration is May 17, 2019.

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 € (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, May 24, 2019, at 9:30 a.m., until Saturday, May 25, 2019, at about 3:15 p.m.

Conference Dinner: Friday, May 24, 2019, at 7:15 p.m.

Get-together: Thursday, May 23, 2019, from 8 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; currently EUR 3,50/day. 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 their original language can be downloaded from the website ([www.buldair.eu](http://www.buldair.eu)) 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.buldair.eu](http://www.buldair.eu)**