

PRESS RELEASE

23-07-69

19 July 2023

50th Rosenheim Window and Facade Conference October 11th + 12th, 2023

“climate.safe.construction”

Climate change remains the most important challenge of our time, as the course for the future must be set by 2030. For this reason, there is "no alternative" to reducing CO₂ in existing buildings through better building insulation and heating technology, even if cost increases, a shortage of skilled workers and declining numbers of new buildings appear more urgent. In addition, we must face the reality of increasing climate extremes. Of particular relevance to our industry are tornadoes, floods, and heat waves, which are still neglected stepmotherly, although according to a study*¹ made by the Robert Koch Institute these cause up to 10,000 heat-related deaths. That is why the 50th Rosenheim Window and Facade Conference from 11. – 12.10.2023 will be held under the motto "climate.safe.construction". This thematic focus will be supplemented by practical tips, for example proofs for sustainability, glass dimensioning and summer thermal insulation of the new DIN 4108-2 as well as sound proofs or the handling of "bird strike" on glass surfaces. The Bavarian festive evening on Wednesday offers optimal opportunities for exchange as well as surprises for the 50th anniversary.

"It has never been as valuable as it is today" was the slogan used to advertise Klosterfrau Melissengeist for many decades. This claim also applies to the Rosenheim Window and Facade Conference, which have been presenting relevant news from standardization, technology and science since 1972, so that decision-makers in the window, facade and glass industry receive the necessary information for their



Fig. 1
50th Rosenheim Window and Facade Conference October 11th + 12th, 2023 – “climate.safe.construction”

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Glass and Building Materials

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own planning. Especially in times of fake news, information overload and contrary political statements, reliable first-hand information is particularly valuable.

These are definitely turbulent times, as the shortage of skilled workers, inflation, declining numbers of new buildings, and the government's contradictory plans for optimizing the energy efficiency of the existing buildings (including the subsidy rules) are like looking into a "glass ball" for decision-makers in the window, facade and glass industry. At the same time, the future prospects are fundamentally positive, because energy-efficient refurbishment and the great demand for housing could provide the industry with full order books for years to come. A new challenge, however, is the adaptation of buildings to increasing climate extremes such as tornadoes, floods, and heat waves. However, this is not yet sufficiently present in politics and society as an urgent problem, although an RKI study [1] clearly shows that a heat wave causes up to 10,000 heat-related deaths.

That is why the 50th Rosenheim Window and Facade Conference from 11. – 12.10.2023 will be held under the motto "climate.safe.construction", which the Director of Institute **Prof. Jörn Peter Lass** will explain in detail in the plenary lecture "Climate-safe construction for the future – requirements and evaluation methods for sustainable and climate-resilient building products". Further plenary lectures on the programme are **Martin Langen** (B+L Langen Marktdaten) with the topic "When will the renovation wave arrive in the window market? Forecasts on the new construction and renovation market in 2024", "The world after 2030 – An outlook on life, living and working based on current **futurology**" by **Matthias Horx** (Zukunftsinstitut GmbH) and "Recommendations on the drafting of window and **facade construction contracts**" by **Prof. Christian Niemöller** (SMNG Rechtsanwalts-gesellschaft mbH).

On Wednesday, the block "**climate.safe.construction**" will show how windows and doors can become **more climate-resilient** and better protect against heavy rain, floods, hail and hurricanes (Robert Krippahl, ift Rosenheim) and what opportunities for faster and more cost-effective energy optimization lie in "**Serial building**" (Sophia Oberhuber, Energiesprung, powered by dena). In the following discussion round, moderated by Olaf Vögele (4mediatechnologies UG), the consequences for the industry will be highlighted.

In the second block, "**Building Practice + Building Physics**," Prof. Dr. Harald Krause (TH Rosenheim) describes how the **interaction of plant**

engineering and building envelope should look in order to achieve a climate-neutral building stock. Florian Stich (GROPYUS Technologies GmbH) explains what needs to be done to achieve the **quality seal for sustainable buildings** and thus an optimal BEG funding. Dr.-Ing. Stephan Schlitzberger (Ingenieurbüro Prof. Dr. Hauser GmbH) presents the **revision of DIN 4108-2** "Summer thermal insulation", which takes into account the changed requirements due to climate change.

Four sessions are scheduled for Thursday. In the block "**Serial Building**", the potentials of serial building in terms of sustainability, speed and costs are described from the perspective of the building owners, planner and executor using the example of the new high-rise ensemble "Four" in Frankfurt.

In the block "**Glass, Windows and Facades**", Michael Elstner (Bundesverband Flachglas BF) explains what solutions there are to the problem of **bird strikes** on larger glass facades. Dr. Joachim Hessinger (ift Rosenheim) informs about new developments of verification methods for **sound insulation** of buildings.

In the block "**Architecture and Technology**", Wolfgang Frey (Frey Architekten) presents the "Terra Project" in Korntal-Münchingen as an innovative and sustainable project for the future. Martin Heßler (ift Rosenheim) will give a practical overview of the technical requirements and solutions in the important topic of **energy optimization** of windows in existing buildings.

In the block "**Market and Technology**", Dr. Julia Bachinger (Holzforschung Austria, HFA) will present **future windows** with vacuum glass, and in the "Berlin Talk" Frank Lange (VFF), Thomas Drinkuth (Repräsentanz Transparente Gebäudehülle, RTG) and Jochen Grönegräs (Bundesverband Flachglas, BF) will discuss current **political topics** and their impact on the industry.

The **power workshop** for window manufacturers **on Tuesday afternoon** (10.10.2023) offers valuable practical tips on simple and legally secure **glass dimensioning** by means of a tested type statics (Norbert Sack, ift Rosenheim), on the building structure connection of **floor-to-ceiling window** and door elements (Torsten Neuenhöfer, Ingenieurbüro Klaus Hafer), parameters and verifications for **sustainability** (Christoph Seehauser, ift Rosenheim) and decision criteria for the **replacement or retrofitting of** windows in energy-related building renovation (Torsten Voigt, ift Rosenheim).

There will still be interesting things to see on Thursday afternoon (12.10.2023) during the tour of the **ift laboratories** for Building Acoustics and Facades and the Technology Center.

In addition to the lectures, there will be plenty of time, space and the right ambience for guests to exchange ideas among themselves or with ift experts at the popular Meeting Point.

For the full program and to register, visit
www.ift-rosenheim.de/en/rosenheim-window-facade-conference.

Information box Rosenheim Window and Facade Conference

Time	Wednesday 11.10.2023 and Thursday 12.10.2023
Location	Kultur + Kongresszentrum Rosenheim, Kufsteiner Straße 4, 83022 Rosenheim, Germany
Net costs	895.00 € plus VAT incl. Bavarian festive evening: 289.00 € plus VAT for the Power Workshop on Tuesday 10.10.2023 incl. pre-evening meeting
	Special conditions apply for ift members, sponsors and students.
Registration	www.ift-rosenheim.de/en/rosenheim-window-facade-conference
Questions	+49 8031 261-2122, fenstertage@ift-rosenheim.de


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press release total characters 6.959 incl. spaces)

Sources:

- [1] Claudia Winklmayr, Dr. Matthias an der Heiden, Hitzebedingte Mortalität in Deutschland (Heat-related mortality in Germany) 2022, RKI – Epidemiologisches Bulletin 42, Berlin 10/2022

Figures

The stock photos may only be used in the context of the publication of this press release and under mention of the author.

No.	Image title and file name	Image
1	50 th Rosenheim Window and Facade Conference on October 11 + 12, 2023 "climate.safe.construction" (Source: ift Rosenheim) <i>File name:</i> PI230769_Fig_01_Key_Visual	

Info about ift Rosenheim (for the technical press)

ift Rosenheim is a notified European testing, surveillance and certification body with international accreditation, according to DIN EN ISO/IEC 17025. The core activities at ift Rosenheim include practical, holistic and fast testing and assessment of all characteristics of windows, facades, doors, gates, glazing and construction materials as well as personal safety equipment PPE (breathing masks etc.). Its goals include sustainable improvement of product quality, design, and technology as well as work on standardisation and research. Certification by ift Rosenheim assures you of acceptance all over Europe. At ift, we are committed to providing knowledge and as an unbiased institution, ift Rosenheim enjoys a special status with the media – the publications document the current state-of-the-art technology.

www.ift-rosenheim.de (815 characters incl. spaces)

Info about ift Rosenheim (for the public press)

You need skills, technology and experience for good structures, and this is especially applicable to windows, facades and doors. Since 1996, ift Rosenheim has been supporting the industry as a neutral scientific institute with technical services and more than 230 employees. These include conducting tests and research, certification and quality management as well as standardisation, advanced education and technical information. In this manner, ift Rosenheim is promoting the development of quality products that are suitable for use, environment-friendly and efficient, and which make life more comfortable, more secure and safer, and healthier.

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