

PRESS RELEASE

September 2024

Special presentations provide in-depth expertise at Chillventa 2024

The energy transition, digitalisation, heat pumps and refrigerants in the context of sustainability and the circular economy will be the hot topics when renowned industry experts and key players present their innovative solutions to tradespeople at Chillventa from 8 to 10 October 2024. These special presentations at the heart of the trade fair action take an especially deep dive into various key topics.

This year's Chillventa is devoted to many highly topical issues. Representatives of the skilled trades will benefit from the fact that Chillventa not only covers the entire refrigeration, AC, ventilation and heat pump technology supply chain at the exhibitor stands but also imparts practical knowledge that can be implemented in their day-to-day business operations. Alongside individual exchanges with experts at the stands and the around 200 talks in the four specialist forums, two special presentations this year are set to impress with their high-calibre content.

Special presentation: "Refrigerant loss and no leak found! How it works"

Visitors are sure to be inspired by this special presentation by the German Federal College of Refrigeration and Air Conditioning Technology, consisting of a combination of basic background information on the physical/technical context and informative live experiments on locating refrigerant leaks. In **Hall 4, Stand 4-411** at 10:00, 12:30 and 15:00 on all three days of the fair, various sizes of capillary leaks will be positioned in a basin of water to illustrate different leakage rates. This enables the mathematical approach to be immediately confirmed in the experiment. The presentation will also explore various testing options offered by a functioning leak detectors and how to use them. A leak detector is an essential component for successfully locating leaks and test leaks or test gases can be used to verify it is working properly.

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Speakers from the German Federal College of Refrigeration and Air Conditioning Technology will also provide basic background information on the physical/technical context.

Special presentation “AIT Heat Pump Innovation Lounge”

The AIT (Austrian Institute of Technology) has been conducting research into heat pumps for over 25 years and has been looking intensively at high-temperature heat pumps for around the last ten years. The AIT's experts will provide interesting insights and their latest research findings at the “**AIT Heat Pump Innovation Lounge**” in **Hall 4A, Stand 4A-319**. The topics covered include the optimisation of heat pumps and their use in industrial drying processes and as a substitute for gas boilers in residential buildings. The presentation will include approaches that simultaneously consider technical, ecological and economic aspects, new concepts that reduce the energy requirement for industrial drying and dehydration by around 60%, and solutions for converting residential and office units to climate-friendly heating systems.

Get your trade fair and congress ticket now

One-day or three-day tickets for Chillventa and CONGRESS tickets for 7 October are only available online in advance from the Ticket Shop. Vouchers can be redeemed in the Voucher Shop. Get your ticket now from:

www.chillventa.de/en/visit

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