

PRESS RELEASE

June 2016

Chillventa 2016: even bigger with strong international focus

- **New hall arrangement guarantees growth**
- **Chillventa CONGRESS: professional expertise at its finest**
- **Chillventa AWARD makes its debut**

From 11 to 13 October 2016, on what will be its fifth appearance, Chillventa will once again turn Exhibition Centre Nuremberg into the No. 1 international gathering for the refrigeration, air conditioning, ventilation and heat pump sectors. The one-day Chillventa Congress will kick off the event on 10 October and invites interested trade visitors to find out about the latest trends and developments in the industry. The mood in the industry is upbeat and in 2016 the organiser is expecting all key trade fair performance indicators to be up again.

“A good three months before the start of the fair the outlook for Chillventa 2016 is already very good. As things stand today, we will exceed the excellent results from 2014 for exhibitor numbers and exhibition space. We are expecting around 1,000 exhibitors and will again be welcoming more than 30,000 trade visitors from all over the world. In October, the Chillventa motto ‘Connecting Experts’ will once again take centre-stage, and will be reflected in a large number of events during the fair with activities like the Chillventa opening, Chillventa evening or the Indian reception, to name just three examples. The large international contingent among exhibitors (more than 65%) and trade visitors (more than 56%) impressively underscores the key significance of Chillventa as the leading fair for the international refrigeration, AC, ventilation and heat pump communities,” explains Richard Krowoza from the NürnbergMesse Management Team.

More display area for sustainable growth

To keep pace with the steady growth of Chillventa efficiently and sustainably, the organisers have decided to modify the hall constellation for 2016, providing Chillventa with a much larger exhibition area at the Nuremberg venue. “By extending the display area we are not only accommodating the wishes of our exhibiting companies for more space at Chillventa to showcase their products, we can now also position new exhibitors thematically with their product groups. In halls 4, 4A, 5, 6, 7, 7A, 8 and 9, Chillventa will be able to expand systematically in the coming

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years,” says Daniela Heinkel, Chillventa Exhibition Director at NürnbergMesse. For information on the current hall allocations please go to: www.chillventa.de/floorplan

Thematic focus areas at Chillventa and the Chillventa CONGRESS

With its extensive range of exhibits, Chillventa presents a cross-section of the industry with components, systems and applications for refrigeration, AC, ventilation and heat pumps. This year, the focus of both trade fair and congress will be on issues like current climate targets, eco-design, refrigerants, efficiency through controls, innovation in heat transfer, limits of refrigeration technology and air conditioning of data centres. As well as innovations at exhibitor stands, there will once again be the usual exciting range of special presentations on topics like energy-efficient computing centres, heat pumps for industrial and commercial applications and energy audits for AC and ventilation systems.

Specialist forums offer first hand expertise

In the three forums, renowned presenters will hold more than 120 talks on cutting-edge topics. The latest product developments and innovative solutions for energy efficiency and energy saving will be showcased in hall 9 (applications, training and codes of practice), hall 7A (refrigeration technology) and all 4A (AC, ventilation and heat pumps).

The heat pump – a recurring focus area at Chillventa 2016

Since the launch of Chillventa, the heat pump has always been a permanent feature of the event. “Despite rising energy prices the heat pump has established itself as a practical and attractive alternative to fossil heat generators. Chillventa is acknowledging this development with its special presentations on heat pumps in commercial and industrial use. It is primarily in these areas of application that the heat pump is now showing the way forward,” says Dr.-Ing. Rainer M. Jakobs, Coordinator of the Chillventa supporting programme.

At Chillventa, trade visitors can become acquainted with the energy environment of the future. Whenever and wherever heating and cooling are needed simultaneously, a hybrid heat pump system for heating or cooling is highly efficient and sustainable from day one. The special show in hall 4A focuses on these hybrid systems, providing visitors with an in-depth overview of the wide range of applications for the heat pump in a 3D visualisation of a virtual city.

Special presentation on data centres goes into its second round

The premiere of the special presentation on data centres was a huge success in 2014, so there is all the more reason to repeat the exercise for industry insiders at this year's fair and make it bigger and better. Energy-efficient data centres call for sustainable air conditioning solutions. Above all, the constantly growing data volumes, increased energy requirement and massive resulting energy costs present the operators of data centres with enormous challenges.

The special presentations at Chillventa, in which renowned companies present their products and services, highlight innovative solutions. Apart from the design of new data centres, the issue of efficient and cost-saving rebuilds of existing data centres also has a role to play. The topic of data centres, which will also be explored at the Chillventa CONGRESS on the day before the fair, is then complemented by relevant product presentations at the special shows.

Training circuit for energy audits of AC and ventilation systems

Following the successful launch of the training circuit for energy audits in 2014, trade visitors can once again learn about the skilled activities involved in conducting the audits. The circuit provides a real-life system on which temperatures, volumetric flows, ambient air qualities and power consumption can be measured and the mechanical and energy status evaluated. The practical aspects of energy audits for AC and ventilation systems to §12 EnEV are not very well known. As a result of the amendment of the EnEV, this auditing activity will become a general obligation in conjunction with DIN SPEC 15240, which also applies.

Premiere: Chillventa AWARD acknowledges expert team performance

The Chillventa AWARD will be presented for the first time at Chillventa 2016. It recognises expert teams (planners, system engineers, clients/operators) that through exemplary collaboration over and beyond technical standards have realised a highly impressive project in respect of functionality, energy consumption and technical innovations. In its evaluation the jury – in keeping with the Chillventa motto Connecting Experts – will consider in particular the interaction between project stakeholders from conceptual formulation through planning and system engineering to operation of the system. In any project submitted for an award, the quality achieved through partnership-driven design must be transparent and documented. Any form of refrigeration, AC or heat pump system (new or rebuild) realised in Europe is eligible for a Chillventa AWARD. Entrants may submit a project for which they have been wholly responsible and which has been completed by the closing date. Project

completion must not be more than two years before the cut-off date. All necessary documentation in relating to the AWARD is available from: www.chillventa.de/award

Award makes its debut at Chillventa 2016

The Chillventa AWARD is presented in the four categories commercial refrigeration, industrial refrigeration, air conditioning and heat pumps. The awards for each category will be presented at Chillventa on 11 October 2016.

International refrigeration and AC network expands in the USA and Russia

With the leading Chillventa trade fair and European Heat Pump Summit in Nuremberg, ACREX India and the European Pavilion powered by Chillventa at the China Refrigeration show, NürnbergMesse has in recent years established an impressive worldwide refrigeration, AC, ventilation and heat pump network.

And the portfolio continues to grow. "We are very pleased to have been commissioned by the Federal Ministry of Economic Affairs and Energy (BMWi) to organise the German Pavilion at the AHR Show in Las Vegas January 2017. In addition, refrigeration technology will also play an important role at the Beviale Moscow in February 2017. Experts worldwide can look forward to the international refrigeration, AC, ventilation and heat pump network that we are going to continue to expand successively wherever it makes sense to do so. Because here too, our motto holds: Chillventa Connecting Experts," reveals Alexander Stein, Executive Director Chillventa, NürnbergMesse. For more information please go to: www.chillventa.de

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