

## PRESS RELEASE

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### Chillventa 2018: an ongoing success story

- **Strong growth**
- **Chillventa CONGRESS: sharing industry expertise**
- **Chillventa AWARD moves into second round**

From 16 to 18 October 2018, Chillventa will once again make the exhibition venue in Nuremberg THE gathering place for the international refrigeration, AC, ventilation and heat pump community. The Chillventa CONGRESS will be held on 15 October, the day before the exhibition. The compact one-day congress programme will give experts from around the world the chance to learn about the latest trends and developments in depth. The organisers expect that the key figures for this year's exhibition and congress will again reach new heights. With about four months still to go, a increase in floor space for the exhibition is already in evidence.

“The outlook for Chillventa 2018 is excellent,” says Daniela Heinkel, Exhibition Director Chillventa at NürnbergMesse. “As things stand now, Chillventa will be able to open at a similarly high level to 2016, with an expected 1,000 exhibitors. In terms of space, we have already surpassed the final figure for the previous event, which is very gratifying. Even if it's a little like gazing into a crystal ball, we also expect to welcome more than 32,000 visitors once again. The large proportion of international exhibitors, more than 68 percent, and trade visitors at 57 percent, once again highlights the importance of Chillventa as the leading fair in the international refrigeration industry, particularly the AC, ventilation and heat pump segments. It has established itself as THE international networking platform: Chillventa Connecting Experts.”

The international role of Chillventa is also reflected in the international pavilions, which will host presentations from a total of six countries: in addition to South Korea, the Czech Republic, Thailand, Turkey and the USA, China will be represented at as many as three of the pavilions.

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## **Growth for Chillventa – and an impressive array of halls**

“Chillventa will once again have a larger display area in 2018,” says Heinkel. “It is showing good growth in this area this year, with an expected increase of about three percent. That’s a very good development, building on an already strong starting position, and a sure sign that companies find Chillventa an important business platform where they can meet the right customers and present themselves accordingly. In response to this development, the hall arrangements were adjusted in 2016 to create more space. It is clear that the idea of having more space and a thematic breakdown along product lines is working out extremely well. Feedback from the trade visitors confirms we’re on the right track, as they can find their way around with no difficulty whatsoever.”

Information on the current floor plan is available at

[www.chillventa.de/hallenplan](http://www.chillventa.de/hallenplan)

## **Main thematic focus areas for Chillventa and Chillventa CONGRESS – Focus on IoT**

With its extensive range of products and services, Chillventa will once again provide an overview of the industry in 2018, with components, systems and applications for refrigeration, air conditioning, ventilation and heat pumps. The exhibition and congress this year focus on subjects such as the Internet of Things, IT security for refrigeration plants, implementing the 42<sup>nd</sup> Ordinance under the Federal Immission Protection Law (BImSchV), current climate goals, eco design, recovery and reprocessing of refrigerants, efficiency through controls, innovation in heat transfer, air conditioning of data centres, heat recovery, and system solutions for cold water. As well as the innovations at exhibitor stands, there will once again be fascinating special presentations on heat pumps, hygiene in air-cooled heat exchangers, tours for trainees, and the Chillventa Award.

The Chillventa CONGRESS will provide experts with a firm insight into the latest industry topics of interest. Prominent international speakers will share international knowledge from R&D and actual practice, and will look at the latest underlying political conditions in Europe and around the world. This year’s congress programme covers the following subject areas, with a focus on the Internet of Things (IoT) and Cyber Security.

- The fifth Innovation Day for refrigeration technology: energy efficiency and climate protection (in German)
- ASERCOM + EPEE Symposium (in English)
- Heat pumping technologies for commercial and industrial applications (in English)
- Energy-efficient air conditioning in data centres (in German)

## **Trade forums offer knowledge direct from the source**

In the three forums, held in the halls in parallel with the exhibition, renowned presenters will hold more than 150 talks on cutting-edge topics. The latest product developments and innovative solutions for energy efficiency and energy saving will be showcased in Hall 9, in the forum on applications, training and codes of practice: leak detection, recovery and reprocessing of refrigerants, no biofilm and thus no Legionella, implementation of the 42nd Ordinance under the Federal Immission Protection Law (BImSchV), CE labelling, replacement with alternative refrigerant mixtures, EC fans for cooling towers, cooling tower hygiene, water chemistry, EN 378, defect guarantees, and much more besides.

The Refrigeration Technology forum in hall 7A will cover topics such as low-GWP refrigerants, eco-efficiency in supermarkets, R290 compressors, water loop systems, sliding temperature refrigerants, heat recovery, market trends in commercial application, compressor developments, application of A2 and A3 refrigerants, IoT in various applications, refrigerant leak detectors, ejectors for R744 systems, and the importance of frequency converters in refrigeration technology.

The forum in hall 4A will deal with air conditioning, ventilation and heat pumps, with a focus on the following: cloud solutions, refrigerant solutions for air-conditioning and heat pumps, challenges created by urbanisation, high-temperature heat pumps, recooling systems, system solutions for cold water, hybrid VRF, R32 applications, water as a refrigerant, fans of the future, filter technologies, etc.

## **Hygiene in air-cooled heat exchangers**

The special presentations at Chillventa have already become an established tradition. Each event deals with topics of current interest that move the industry, or provides a detailed insight into new technologies or necessary input from the trades.

At the special display area for “Hygiene in air-cooled heat exchangers”, speakers from the Bundesfachschule Kälte-Klima-Technik (Federal Technical College for Refrigeration and Air Conditioning Technology) will begin by offering important basic background information about maintenance and inspection work on air-conditioning and ventilation systems from a hygiene perspective. Together with manufacturers of ventilation components, they will then show how the necessary cleaning and checking work should be performed. Then they will deal with the required documentation and paper trail for cleaning and inspection activities.

## **Heat pumps: a key technology for a successful energy transition**

Heat pumps have been a fixed part of Chillventa since the event first began. Despite rising power prices, heat pumps have become established as practical and attractive alternatives to fossil-based means of generating heat. The special presentation “Heat pumps: a key technology for a successful energy transition” will look at this development.

## **Chillventa AWARD: paying tribute to expert team achievements once again in 2018**

The Chillventa AWARD had its exciting launch in 2016. The organisers, the publishing firm Bauverlag and NürnbergMesse, are taking this top-level prize further and will again present it on the first day of the exhibition at this year’s Chillventa. “We are very happy that the Chillventa AWARD has been so well received and are already looking forward with excitement to this year’s line-up,” say the award initiators, Daniela Heinkel of NürnbergMesse and Christoph Brauneis, Senior Editor KKA, Bauverlag.

In 2018, the award will again recognise the achievements of teams of experts (designers/planners, system engineers, clients/operators) that have worked together in exemplary fashion, above and beyond the technical standards, to realise a project that is highly impressive with regard to functionality, energy consumption and technical innovations. In evaluating the projects, the jury will focus in particular on the interplay between the people involved in the project, from conceptual formulation, through planning and system construction to the operation of the system. Projects submitted for the award must clearly demonstrate and map the level of quality reached through cooperative planning. Projects may be submitted which have been carried out on the applicant’s own responsibility and which are completed by the final date for submission for the AWARD. The submitted project must not have been completed any more than two years ago.

Interested parties will find all necessary documentation on the Chillventa AWARD at: [www.chillventa.de/en/exhibition-info/award](http://www.chillventa.de/en/exhibition-info/award)

## **Continued growth for the international refrigeration and AC network in India**

With the key Chillventa trade fair and the European Heat Pump Summit in Nuremberg, ACREX India and the European Pavilion powered by Chillventa at China Refrigeration, NürnbergMesse has built up an impressive portfolio of refrigeration, air-conditioning, ventilation and heat pump events in recent years. “The product family associated with Chillventa has developed brilliantly,” says Alexander Stein, Executive Director Chillventa International Network, NürnbergMesse. “Working with our

partners and subsidiaries, we have created a veritable global network. This year we can welcome a new member to the Chillventa product family: REFCOLD INDIA, which will premiere at the Mahatma Mandir Convention cum Exhibition Centre in Gandhinagar, Gujarat, India, from 22 to 24 November 2018. REFCOLD INDIA will reflect all the segments of the cold chain industry, and bring together interested parties and players from throughout the sector. The first event of REFCOLD INDIA, the exhibition for the cold chain industry, will be jointly organised by the Indian Society of Heating, Refrigerating and Air Conditioning Engineers (ISHRAE) and NürnbergMesse India. “Experts worldwide can look forward to the international refrigeration, air-conditioning, ventilation and heat pump network that we are continuing to expand wherever it is practical to do so,” says Stein. “After all, our motto ‘Chillventa Connecting Experts’ applies here too.”

For more information please visit: [www.chillventa.de](http://www.chillventa.de)

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