



# Internasjonale nyheter Nr 35



## Call for abstracts now open for the IIR Congress 2023!

**August 21-25, 2023, in Paris**

To be organised under the theme "*Towards efficient, controlled and smart refrigeration*", the call for abstracts for the 26th IIR International Congress of Refrigeration has been launched. We are delighted to announce that the call for abstracts for the 26th IIR International Congress of Refrigeration (ICR 2023) is now open! The 26th edition of the IIR Congress, which will take place on August 21-25, 2023, in Paris, France, will reunite key international stakeholders and provide perspectives on the future of the industry in line with UN Sustainable Development Goals. This leading event in refrigeration, to be organised by the French Association of Refrigeration (AFF), will be held under the theme "Towards efficient, controlled and smart refrigeration" and will aim to explore how the industry can continue to build refrigeration with a positive impact. Delegates are invited to submit abstracts (up to 250 words) **by June 29, 2022**, via the Congress website. Abstracts are welcome under 10 key themes (IIR Commissions) encompassing all fields of refrigeration:



- A1 - Cryophysics & cryoengineering
- A2 - Liquefaction & separation of gases
- B1 - Thermodynamics & transfer processes
- B2 - Refrigerating equipment
- C1 - Cryobiology, cryomedicine & health products
- C2 - Food science & engineering
- D1 - Refrigerated storage
- D2 - Refrigerated transport
- E1 - Air conditioning
- E2 - Heat pumps & energy recovery

To submit an abstract or for more information, visit [icr2023.org](http://icr2023.org).

## Carrier to acquire Toshiba's global VRF and light commercial HVAC Business

On February 6, Carrier signed a binding agreement to acquire Toshiba Corporation's ownership stake in Toshiba Carrier. The planned acquisition will strengthen Carrier's position in one of the fastest-growing HVAC segments, as well as scale its global VRF product platform with leading and differentiated technology and the addition of a renowned brand to its portfolio. The acquisition is expected to close by the end of Q3, subject to customary closing conditions, including regulatory approvals. Upon closing, Toshiba will retain a 5% ownership stake in Toshiba Carrier, and Carrier will consolidate over \$2 billion in unconsolidated revenue.

### Call for Nominations!

## Scientific Prizes at ICR 2023

In anticipation of the 26th IIR International Congress of Refrigeration (ICR) to take place in Paris (France) in August 2023, the IIR is launching a call for nominations for several scientific prizes. The series of prestigious academic and scientific awards recognise those who have made outstanding contributions to the field of refrigeration or have completed noteworthy research.

The prizes presented will be the:

- IIR Gustav Lorentzen Medal**
- IIR Science And Technology Medal**
- IIR Young Researchers' Awards**

Application deadline: April 30, 2022



## 15th IIR-Gustav Lorentzen Conference on Natural Refrigerants

**Trondheim June 13-15 2022**



With the increasing need for global warming countermeasures, natural working fluids have become a clear vector to reducing the CO<sub>2</sub> footprint of the refrigeration, and heating and cooling sectors

and migrating towards long-term sustainable solutions. Scheduled to take place in Trondheim (Norway) on June 13-15, 2022, the 15th IIR-Gustav Lorentzen Conference on Natural Refrigerants (GL 2022) will provide the ideal platform for discussion on the latest research results and advances related to the use of natural working fluids in different types of systems and application areas.

The call for abstracts closed September 15, 2021.

[Register today!](#) Organisers : NTNU-SINTEF

### Conference topics include:

- Process, cycle, system and component development with natural refrigerants
- Vapor compression systems: NH<sub>3</sub>, hydrocarbons, CO<sub>2</sub> and water
- Gas cycles and sorption systems
- Heat-to-power systems
- Applications
- Fundamentals: Properties, lubrication, chemistry
- Heat transfer fluids
- Heat transfer and heat exchangers, compressors and other components
- Energy efficiency, operational experience and economy
- Safety with respect to flammable, toxic and high-pressure fluids

## Slight increase in HFC consumption in 2020 in Europe.

In 2020, HFC consumption in Europe increased by 7% compared to 2019 but remains in compliance with the requirements of the F-Gas Regulation, according to the European Environment Agency. IIR

