

Heating and Cooling with Natural Refrigerants – a Way to Decarbonization

eurammon Symposium



Source: eurammon e. V.

June 25-26, 2020

Klostergut Paradies, Klostergutstraße 4
CH-8252 Schlatt (near Zurich)

Heating and Cooling with Natural Refrigerants – a Way to Decarbonization

11:30	12:30	Welcome, Registration	
Introduction / Regulatory			
12:30	12:45	Greeting, World Refrigeration Day (WRD)	Board of eurammon e. V.
12:45	13:15	Current Trends in Refrigeration Technology / Study Energy Consumption in Refrigeration Technology	Guntram Preuß, VDMA Air-handling Technology
13:15	14:15	International Reporting, Regulations & Standards	
13:15	13:45	Main Issues from International Reporting for (Natural Refrigerant Based) Heat Pumps	Lambert Kuijpers, A/Gent b.v. Consultancy
13:45	14:15	Standardization and Ecodesign	Carsten Hoch, TÜV Süd Industrie Service GmbH
14:15	14:45	Coffee Break	
14:45	16:25	Mobile Applications with Natural Refrigerants	
14:45	15:15	CO ₂ Heat Pumps Applied to Modern Electric Busses	Michael Sonnekalb, Konvekta KKI Kälte Klima GmbH & Co. KG Frank Rinne, Emerson Climate Technologies GmbH
15:15	15:45	Borealis Bus A/C Heat Pump with the Green Refrigerant R290	Christian Ebert and Michael Geiger, Aurora Konrad G. Schulz GmbH & Co. KG
15:45	16:25	Evaluation of Natural Refrigerants for HVAC Systems in Railway Vehicles	Lutz Boeck, Faiveley Transport Leipzig GmbH & Co. KG
16:25	17:20	Natural Refrigeration Award	
16:25	16:35	Ceremony Natural Refrigeration Award 2020	Monika Witt, TH. WITT Kältemaschinenfabrik GmbH / eurammon Vice Chairperson
16:35	17:20	Presentations of the Natural Refrigeration Award Winners	
17:40		Bus Transfer to Hotel	
19:00		Bus Transfer to Evening Location / Evening Programme	

Heating and Cooling with Natural Refrigerants – a Way to Decarbonization

08:00	08:30	Registration, Welcome Coffee	
08:30	09:15	Key-note Speech: Heat Pumps – Chances and Challenges to Decarbonization	Peter Radgen, University Stuttgart
09:15	15:00	Heat Pumps with Natural Refrigerants	
		Ammonia Heat Pumps	
09:15	09:45	A Heat Pump Integrated in a Production Process – Sustainable Cost and CO ₂ Saving	Wolfgang Dietrich, GEA Refrigeration Germany GmbH
09:45	10:15	Heat Pump Technologies with Natural Refrigerants	Alexander Cohr Pachai, Johnson Controls Denmark ApS
10:15	10:45	Design aspects of River Water, Ammonia Heat Pumps for District Heating	Nicky Cowan, Star Refrigeration
10:45	11:15	Coffee Break	
		CO₂ Heat Pumps	
11:15	11:45	Heat Recovery Modules Make it Easy to Turn the Supermarkets CO ₂ Refrigeration Into Heat Pumps	Jörg Saar, Danfoss GmbH
11:45	12:15	Calculation, Simulation and Application of Commercial and Light Industrial CO ₂ Heat Pumps	Oliver Javerschek, Bitzer Kühlmaschinenbau GmbH
12:15	12:45	CO ₂ Heat Pump Water Chillers	Armin Hafner, NTNU Trondheim
12:45	14:00	Lunch	
		Propane Heat Pumps	
14:00	14:30	Design and Safety Aspects of Propane Heat Pumps for Residential and Commercial Application	Andreas Gernemann, Glen Dimplex Deutschland GmbH
14:30	15:00	Hydrocarbon Heat Pumps for Light Industrial Applications – One Key Technology for Sustainable Heating Solutions	Hermann Renz, Bitzer Kühlmaschinenbau GmbH
15:00	15:30	Panel Discussion	Frank Rinne Emerson Climate Technologies GmbH Hermann Renz, Bitzer Kühlmaschinenbau GmbH
15:30	15:45	Concluding Remarks	Board of eurammon e. V.

Participation

Attendance fee: 420,00 € + plus VAT legally owed

Accommodation

Hotel room allotments in several hotels are available by quoting the reference „eurammon“

Hotel & Restaurant Promenade: until May 14, 2020

Vienna House Zur Bleiche Schaffhausen: until April 23, 2020

Hotel & Restaurant Promenade

Fäsenstaubstrasse 43

8200 Schaffhausen

Phone: +41 (0)52 630 77 77

Fax: +41 (0)52 630 77 78

info@promenade-schaffhausen.ch

www.promenade-schaffhausen.ch

Vienna House Zur Bleiche Schaffhausen

Bleicheplatz 1

8201 Schaffhausen

Phone: +41 (0)52 63100-00

Fax: +41 (0)381 45 85-108

reservation.zurbleiche-schaffhausen@viennahouse.com

www.viennahouse.com

Venue

June 25-26, 2020

Klostergut Paradies

Klostergutstraße 4

CH-8252 Schlatt (near Zurich)

Phone: +41 (0)52 631 27 27

www.klostergutparadies.ch

eurammon e. V.

Lyoner Straße 18

D-60528 Frankfurt am Main

www.eurammon.com

Contact

Dr. Karin Jahn

Phone: +49 (0)69 6603 - 1277

Fax: +49 (0)69 6603 – 2277

karin.jahn@eurammon.com

Registration conditions: Please register by submitting the registration coupon. We will send you a confirmation of your registration. Registrations will be dealt within the received order. Cancellations have to be in written form. eurammon charges 50% of the attendance fee for cancellations received after June 13, 2020.

