



Second Announcement

With HFC phase-down now being implemented across Europe, and likely to be adopted in many other regions, the IIR Conference on HFO Refrigerants and Low GWP Blends offers an opportunity for those developing new working fluids to meet with the equipment design engineers who provide products, and the system installers who use them, as well as with representatives of the end-user community who have to live with the consequences of these scientific and technical decisions.

First held in September 2018 in Birmingham, UK, the conference was welcomed with significant interest and brought together an international audience of over 170 professionals. Over 155 delegates from 14 countries participated in the second conference, held in June 2021 in Osaka, Japan (Online).

The conference covered essential information on the characteristics of HFO Refrigerants and Low GWP Blends, system and component design, lubricants, flammability, safety, environmental impact, efficiency, legislation, codes of practice and standards.

Conference Website

<http://hfo2023.car.org.cn>

Preliminary Program

Wednesday, April 5	Registration
	Welcome reception
Thursday, April 6	Plenary Sessions
	Parallel Sessions
	Conference dinner
Friday, April 7	Technical Tour - China refrigeration exhibition (https://www.cr-expo.com/en/index.aspx)

Plenary Topics



Low-GWP Refrigerants: 2023 Status and Outlook

——**Dr. Piotr A. Domanski**, National Institute of Standards and Technology, USA



HFO and low GWP blends in high temperature heat pumps

——**Dr. Adrian Mota-Babiloni**, Universidad Jaume I, Spain



The options and development trend of alternative refrigerants in China during the implementation of the Montreal Protocol——**Ms. Xiaolin Guo**, Foreign Environmental Cooperation Center of Ministry of Ecology and Environment, China



Research on the thermophysical properties of the fourth-generation environmentally friendly refrigerant HFO: gaseous speed of sound and its general model——**Prof. Yuanyuan Duan**, Tsinghua University, China

Conference Language

The official language used in the conference will be **English**.

Sponsorship

A wide range of sponsorship packages are available which will enable participation of companies and organizations irrespective of size.

A guideline as to available standard packages can be found on the conference website

(<http://hfo2023.car.org.cn>).

Registration Fees

Registration Type	On-line Registration		On-site Registration
	Early (by February 28,2023)	Standard (by March 31,2023)	
Regular Participants	720 US\$	760 US\$	800 US\$
Private and corporate members of the IIR, members of the International Scientific Committee of the Conference, members of CAR, paper authors	470 US\$	510 US\$	550 US\$
Students	360 US\$	380 US\$	400 US\$
Accompanying persons	180 US\$	190 US\$	200 US\$
* The registration fees include the final proceedings on CD -ROMs or memory sticks, coffee breaks, lunches, conference dinner. *Accompanying fee includes lunches, conference dinner.			

Liaison

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