



Second Announcement

Hosted by

International Institute of Refrigeration (IIR)

Organized by

Chinese Association of Refrigeration (CAR)

University of Ljubljana

Key Laboratory of Cryogenics, TIPC, CAS

Baogang Group

Baotou Research Institute of Rare Earths

China Northern Rare Earth (Group) High-Tech Co., Ltd.

Inner Mongolia Association of Refrigeration (IMAR)

Website

<http://thermag-x.car.org.cn>

Plenary Topics



Solid-State Energy Conversion: Applications and Perspectives

—Prof. Dr. Andrej Kitanovski, University of Ljubljana, Faculty of Mechanical Engineering Slovenia



Compression-Based Elastocaloric Cooling: Materials, Devices, And Systems

—Prof. Ichiro Takeuchi, University of Maryland



Electrocaloric Cooling for A Sustainable World - Where Are We Now?

—Prof. Qiming Zhang, Pennsylvania State University



Thermoelectric Cooling Materials and Emerging Applications

—Prof. Jing-Feng Li, School of Materials Science and Engineering, Tsinghua University



Baotou Rare Earth Industry: A Strong Support for Magnetic Materials And Application Devices

—Prof. Dr. Huang Jiaohong, Baotou Research Institute of Rare Earths

Preliminary Program

August 21	10:00-22:00	Registration		
	19:00-21:00	Welcome Reception		
August 22	09:00-12:30	Opening Ceremony		
		Plenary Session 1		
		Session A1	Session B1	Session C1
	13:30-18:30	Plenary Session 2		
		Session A2	Session B2	Session C2
		Session A3	Session B3	Session C3
August 23	09:00-12:40	Plenary Session 3		
		Plenary Session 4		
		Session A4	Session B4	Session C4
	13:30-18:30	Plenary Session 5		
		Session A5	Session B5	Session C5
		Session A6	Session B6	Session C6
	18:30-19:00	Closing Ceremony		
19:30-21:30	Conference Dinner			
August 24	09:00-12:00	Technical Tour 1. Rare Earth Museum 2. Lab in Baotou Research Institute of Rare Earths 3. Rare Earth Permanent Magnet Plant		

Sessions Topics

- Barocaloric Cooling and Materials
- Elastocaloric Cooling and Materials
- Electrocaloric Cooling and Materials
- Magnetocaloric Cooling
- Magnetocaloric Materials
- Optical cooling and Materials

Venue&Accommodation

Shangri-La Baotou

Address: 66 Min Zu East Road, Qing Shan District, Baotou, Inner Mongolia, China

Phone: (86 472) 599 8888

Please book your accommodation on the conference website: <http://thermag-x.car.org.cn>

Registration

Registration Type	On-line Registration		On-site Registration
	Early (by July 1, 2024)	Standard (by August 1,2024)	
Regular Participants	720 €	760 €	800 €
Private and corporate members of the IIR, members of the International Scientific Committee of the Conference, members of CAR	500 €	540 €	580 €
Students	360 €	380 €	400 €
Accompanying persons	180 €	190 €	200 €

*The registration fees include coffee breaks, lunches, conference dinner, conference badge & bag.
*Accompanying fees include lunches, conference dinner.

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.

Liaison

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