

2026 CHPC

CHINA INTERNATIONAL HEAT PUMP CONFERENCE

| October 13-17, 2026 | Shanghai, China



October 13-17
2026



Shanghai
China



Official Website
<https://chpc2026.car.org.cn>



Conference Language
English

1. INTRODUCTION

Thermal energy decarbonization remains a critical global challenge, and heat pumps continue to play a pivotal role in achieving carbon neutrality.

With growing international focus on sustainable energy solutions, heat pump technologies are expected to unlock vast market opportunities worldwide.

China is currently the biggest energy consumer with the biggest HVAC, refrigeration and heat pump industry. The 3rd China international Heat Pump Conference (CHPC 2026) will serve as a key platform for experts from diverse countries and regions to gather, share insights, and explore innovative pathways for the advancement and global adoption of heat pump technologies.

2. ORGANIZERS



The International Institute
of Refrigeration (IIR)



The Chinese Association of
Refrigeration (CAR)

3. PLENARY & KEYNOTE SPEAKERS

- Prof. Claudio Zilio, University of Padova
- Prof. Craig Bradshaw,
University of Illinois Urbana-Champaign
- Prof. Jiang Yi, Tsinghua University
- Prof. Majid Bahrami, Simon Fraser University
- Prof. Min Soo Kim, Seoul National University
- Prof. Pradip Dutta, Indian Institute of Science
- Prof. Stefan Elbel, Technology University of Berlin
- Prof. Yunting Ge, London South Bank University
- Dr. Yosr Allouche,
International Institute of Refrigeration

To Be Updated

4. TECHNICAL PROGRAM



5. CONFERENCE TOPICS

- Heat Pump Technologies and Applications for Buildings
- Heat Pump Technologies and Applications for Industry
- Heat Pump Technologies and Applications for Agriculture
- Heat Pump Technologies and Applications for Transportation
- Frontier and Innovative Heat Pump Technologies
- Engineering Applications and Case Studies of Heat Pumps
- Integration of Heat Pumps with Energy Storage
- Applications and Optimization of AI in Heat Pump Systems
- Heat Pump Applications in Data Center Thermal Management
- Grid-Interactive and Coordinated Operation of Heat Pumps

6. SUBMISSION

Authors are requested to submit an **extended abstract** in English. The extended abstract should clearly present the objectives, methodology, key results, and conclusions of the work, and should be sufficient for technical evaluation.

The submission should include:

- 1 Title of the paper
- 2 Authors' names and affiliations
- 3 Extended abstract
- 4 Keywords
- 5 Full contact details of the corresponding author

✓ All submissions must be made through the conference website: <https://chpc2026.car.org.cn>.



7. IMPORTANT DATES

- Extended abstract submission due: **July 1, 2026**
- Notification of acceptance: **July 15, 2026**
- Early Bird registration Opens: **September 1, 2026**



8. SPECIAL ISSUE (OPTIONAL)

Special issues for the conference will be organized in *Applied Energy*, *Energy* and *International Journal of Refrigeration*.

Submission to these special issues is entirely optional.

For authors who are interested, high-quality contributions will be invited to submit extended versions of their work to the special issues, subject to the respective journal's standard peer-review process.



9. LIAISON

Chinese Association of Refrigeration (CAR)



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