



Final Call for Papers

27th IIR International Congress of Refrigeration – ICR 2027

<http://www.icr2027.org>

*Smart Refrigeration Systems for
Low Carbon and Green Energy*



COEX Center – Seoul, Korea
August 21 – 27, 2027



INTERNATIONAL INSTITUTE OF REFRIGERATION
INSTITUT INTERNATIONAL DU FROID

About the Conference

The International Congress of Refrigeration (ICR) is a leading global event in the field of refrigeration, organized by the International Institute of Refrigeration (IIR). This triennial congress brings together researchers, industry professionals, policymakers, and academics to discuss the latest advancements and challenges in refrigeration, air conditioning, and heat pumps.

The 27th ICR will be held in South Korea in 2027, providing an ideal venue given the country's technological advancements and commitment to sustainability. The congress will feature keynote speeches, technical sessions, workshops, and panel discussions covering a wide range of topics, including refrigeration technologies, cryogenics, food preservation, air conditioning, energy efficiency, and climate change mitigation.

Overall, the ICR 2027 in South Korea promises to be an exceptional event that will significantly contribute to the advancement of refrigeration science and technology. It will not only highlight the latest research and innovations but also emphasize the importance of sustainable and energy-efficient practices in the industry, aligning with global efforts to combat climate change.

Welcome to Dynamic Seoul

- Seoul : Capital city of Korea (Miracle of the Han River)
- Population: 10 million (2024)
- Major crossroads of Northeast Asia
- The World's 12th largest trading partner
- Korea HVAC&R industry scale \$10.1 billion
- 4 largest exporting country of Refrigeration & Air Conditioning Products:\$4.7 billion(2019)

Conference Chairperson

KANG, Yong Tae (Korea University)

Secretary General

LEE, Hoseong (Korea University)

Program Committee

CHANG, Young Soo (Kookmin University)
CHOI, Jun Young (Korea Testing Laboratory, KTL)
CHUNG, Jae Dong (Sejong University)
KIM, Min Soo (Seoul National University)
KIM, Minsung (Chung-Ang University)
KIM, Taesung (Sungkyunkwan University)
KIM, Yongchan (Korea University)
LEE, Jaeseon, (UNIST)
LEE, Jungho (Ajou University)
LEE, Seong Hyuk (Chung-Ang University)
JEONG, Ji Hwan (Pusan National University)
PARK, Chanwoo (Jeonbuk National University)
SONG, Chan Ho (Korea Institute of Machinery & Materials, KIMM)

Local Organizing Committee

AHN, Joon (Kookmin University)
CHO, Honghyun (Chosun University)
CHOI, Wonjoon (Korea University)
JEON, Yongseok (Ajou University)
KIM, Dong Kyu (Chung-Ang University)
KIM, Minsung (Chung-Ang University)
LEE, Bong Jae (KAIST)
LEE, Dongchan (University of Seoul)
LEE, Hyunjin (Kookmin University)
LEE, Hyoungsoon (Chung-Ang University)
LEE, Jae Won (Korea Maritime & Ocean University)
LEE, Namkyu (Yonsei University)
LEE, Wonyoung (Sungkyunkwan University)
NAM, Youngsuk (KAIST))
IM, Sungkyun (Korea University)
PARK, Chang Yong (Seoul Tech)
SHIM, Joon Hyung (Korea University)

International Scientific Committee

CAVALIER, Gerald (France), President of Sci. and Tech. Council
SRNKA , Ales (CZECH), President of Section A
GROLL, Eckhard (USA), President of Section B
EVANS, Judith (UK), President of Section C
LAWTON, Richard (UK), President of Section D
LI, Xianting (CHINA), President of Section E
GROHMANN, Stephen (GERMANY), President of Commission A1
ZHANG, Peng (CHINA), President of Commission A2
CREMASCHI, Lorenzo (USA), President of Commission B1
JEONG, Ji Hwan (SOUTH KOREA), President of Commission B2
GREGOR, Jiri (FRANCE), President of Commission C1
LE BAIL, Alain (FRANCE), President of Commission C2
HAFNER, Armin (NORWAY) President of Commission D1
MINETTO, Silvia (ITALY), President of Commission D2
GE, Yunting (UK), President of Commission E1
MAIDMENT, Graeme (UK), President of Commission E2

Language

The official language used in the conference for all presentations and discussions will be English. All papers must be written and presented in English.

Conference Venue

COEX (Convention and Exhibition) Center
513, Yeongdong-daero
Gangnam-gu, Seoul 06164, Korea



Venue Highlights

- 1099-seat auditorium and 54 meeting rooms
- 450-seat of Conference Room South on 4th floor, 300-seat of Conference Room South on 3rd floor
- 1500-seat capacity for Conference Room E, 900-seat of Conference Room North
- Capacity of Grand Ballroom is 1800
- 10348 sq. meters Hall C for exhibitions, conferences and banquets
- The 2010 G20 SEOUL SUMMIT was held in COEX.

- Virtual conferences can be supported whether it has a single track or multiple tracks
- Recorded meetings can be streamed by webcasts and webinars with video streaming service
- Adjacent to Deluxe hotels (Grand Intercontinental Seoul, Intercontinental Seoul COEX)
- Walking distance to other hotels, 10 minutes by bus or subway from the venue
- Korea's largest exhibition organizer and a professional international conference organizer
- Featuring: COEX aquarium, Movie theatre, Duty Free Shop, Department store, Complex cultural facility
- Buses will be provided for the participants to and from the hotels

Registration Fees

	Paying IIR Private and Corporate Member	Low & Low- middle income countries	Non- members	Student
Early bird	\$ 960	\$ 720	\$ 1200	\$ 600
Regular	\$ 1080	\$ 720	\$ 1320	\$ 660
Onsite	\$ 1200	\$ 720	\$ 1440	\$ 720

Students, IIR EC and STC members : 50% off
IIR Staffs : Free

Conference Ticket Includes

- Access to Pre-Conference Virtual Events
- Entry into all Conference Sessions
- Welcome Reception
- Coffee and Cookie
- Student Social Event
- Technical or Social Excursion (May be attended at an extra cost)
- Gala Dinner (Not included for students)
- Closing Reception

Accommodation

Grand Intercontinental Seoul Parnas

- \$253.00 – \$337.78 / €212 - €283 for Deluxe room
- Currently a 10.0% room tax

COEX Intercontinental Hotel

- \$112.00 - \$155.56 / €94 - €237 for current cost
- \$35.56 / €31 fee for breakfast
- Located right next to COEX

Hotel Crescendo Seoul

- \$253.00 - \$337.78 / €212 - €283 for Deluxe room
- Currently a 10.00% room tax

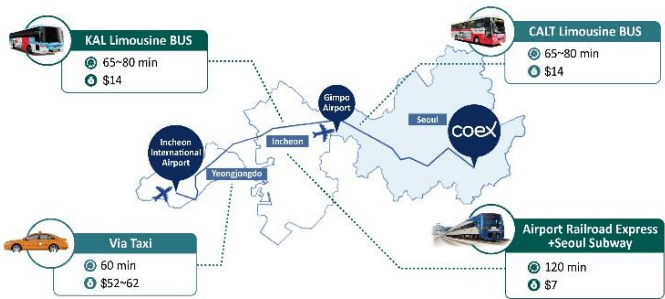
Hotel Peyto Samsung

- \$64.0 0/ €54 for Deluxe Twin and \$77.83
/ €65.28 for Double Urban room
- 200m walking distance from COEX

Uri& Hotel

- \$53.33 / €44.7 for Superior Double room
- \$78.22 / €65.6 for Superior Twin room
- 100 m walking distance from COEX

Transportation



Scientific and Technical Themes

- KOGAS (Gas Science Museum)
- Refrigerated Cold Storage
- Mechanical Room of Lotte World Tower
- LG and Samsung Factory tour

Important dates

- 1st call for paper: Aug. 15, 2025
- Website open: March. 01, 2025
- 2nd call for paper: March. 01, 2025
- Final call for paper: Dec. 01, 2025
- **Abstract due: Sep. 01, 2026**
- Abstract acceptance notice: Nov. 01, 2026
- **Full paper due: March 01, 2027**
- Early registration due: May 01, 2027
- Preliminary program: June 01, 2027
- Welcome reception: Aug. 22, 2027
- Opening ceremony: Aug. 23, 2027

Paper submission

Papers must be registered on conference website (<http://www.icr2027.org>). Direct your questions to Secretary General: Hoseong Lee (hslee1@korea.ac.kr)