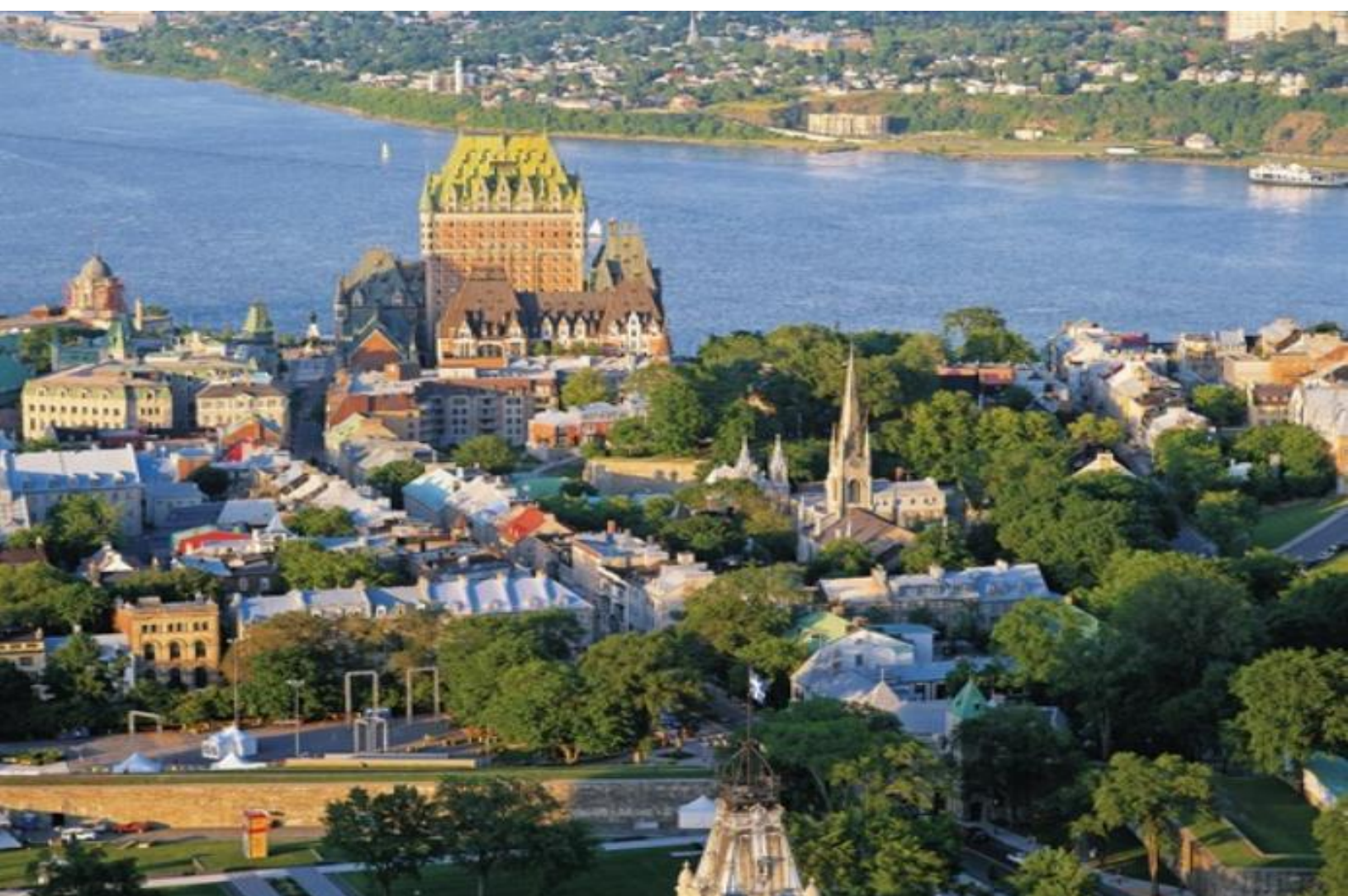


27th International Symposium on Chemical Reaction Engineering

SPONSORSHIP & EXHIBITOR OPPORTUNITES

Chemical Reaction Engineering for Sustainable Development



HILTON QUÉBEC | QUÉBEC CITY, QUÉBEC, CANADA | JUNE 11-14, 2023



International
Symposia on
Chemical
Reaction
Engineering

ISCRE27

Since 1957, the most important events for the international reaction engineering scientific community have been ISCRE conferences (International Symposia on Chemical Reaction Engineering). These conferences bring together for four days distinguished international researchers in reaction engineering, prominent industrial practitioners, and new researchers and students **only every six years in North America** to address the global challenges of chemical reaction engineering.

Sponsors at the 27th International Symposium on Chemical Reaction Engineering will interact with a diverse group of academic, industry, and government leaders who are shaping the future of chemical reaction engineering and associated topics. Benefits include:

- Access the exclusive attendee marketing, advertising, and sponsorship opportunities to promote your company and products dependent on reaction engineering
- Connect your brand with the world's largest professional reaction engineering organization
- Gain access to the international reaction engineering community
- Network with Fortune 500 companies and promising startups
- Renew and strengthen current partnerships
- Develop new contacts and networks

Conference Demographics

Sponsors and exhibitors can expect that the 2023 ISCRE Conference will attract a highly qualified attendance. The 2016 North American ISCRE conference included more than 300 industrial practitioners, government professionals, and academics, who eagerly took advantage of the sponsor and exhibitor information that was available to them. About half of the participants came from the Americas, a third from Europe/Africa/Middle East, and the remainder from Asia Pacific including:

INDUSTRY

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Dow Chemical Company
DuPont Corporation
Eli Lilly
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EDUCATION

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Univ. of Wisconsin
Univ. of Kansas
Max Planck Institute
Technische Univ. München
Univ. of California Berkeley
Purdue University
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Missouri Univ. Sci & Tech
Cambridge Univ.
Worcester Polytechnic Inst.
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Washington Univ. St. Louis
FAU Erlangen
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Eindhoven Univ. of Tech.
Univ. of Pittsburgh
Univ. of Connecticut
Univ. Leeds
Univ. of Washington
Texas A&M Univ.
KAUST

Sponsorship and Support Opportunities

	Platinum	Gold	Silver	Bronze
Fee (\$ US)	\$15,000	\$10,000	\$5,000	\$2,000
Company's name displayed on banner in registration area and on slide displayed during introductory remarks each morning	✓	✓	✓	✓
Company logo on the ISCRE 27 website (with live link), promotional materials, and related on-site program material and signage, including meeting room screen saver	✓	✓	✓	✓
One complimentary exhibit space (6' by 3' table top) with opportunity to provide items of publicity	✓	✓	✓	
One plenary talk named by your company, with option for a company representative to introduce the plenary speaker	✓	✓		
Complimentary symposium registrations	3	2	1	
Named sponsor of 10 student travel awards (e.g., ABC Chemical Company Student Travel Award for ISCRE 27), with option to select and contact awarded students	✓			

Plenary Speakers



Prof. Theodore Betley
Harvard University
Dept. Chemistry & Chemical Biology



Dr. Prasanna Joshi
ExxonMobil Technology & Engineering
VP, Low Carbon Solutions Technology



Dr. Jesper Nerlov
Topsoe
Chief Technology Officer



Prof. Yanet Villasana
IKIAM Amazon Regional University
Dept. Chemistry



Prof. Kevin Van Geem
Ghent University
Laboratory for Chemical Technology



Dr. Gavin Towler
Honeywell Performance Materials & Honeywell UOP
VP & Chief Technology Officer

About the Conference

The 27th International Symposium for Chemical Reaction Engineering (ISCRE 27) will take place in Québec City, Canada, on June 11-14, 2023. The scientific theme for ISCRE 27 is “**Chemical Reaction Engineering for Sustainable Development.**” Meeting the world’s demands for energy, food, water, and medicine – in a sustainable way, while protecting the environment – requires development of new technologies and advanced materials. The theme of this symposium aims to capture the essential role that chemical reaction engineering plays in addressing critical sustainability challenges such as carbon capture and valorization, biomass utilization, waste utilization, and low emissions fuels.

Chemical reaction engineering (CRE) is the discipline that quantifies the interactions of transport phenomena and kinetics in relating reactor performance to operating conditions and feed variables. This quantification requires a thorough understanding of the nanoscale (molecular level of scrutiny), micro- to mesoscale (transport and kinetic events at a particle level), and macroscale (reactor design in the context of process and plant design). CRE develops general principles useful in approaching a variety of systems (chemical, biochemical, biological,

materials, environmental, electrochemical, etc.) where engineering of reactions is needed.

There will be plenary, keynote, and oral presentations along with many posters that highlight key areas of CRE including:

- CO₂ Capture and Valorization
- Catalysis
- Bioengineering, Bioprocesses & Enzymatic Reactors
- Electrocatalysis and Photocatalysis
- Biomass Conversion
- Polymer Reaction Engineering
- Polymer Upcycling
- Fluidization
- Computational Fluid Dynamics
- Reactor Control & Safety
- Computational Chemistry
- Multiphase Reactor Engineering
- Reactor Scale-Up & De-Risking
- Novel Reactors and Process Intensification
- Hydrogen Production and Utilization
- Pharmaceutical Reaction Engineering
- Gasification & Pyrolysis
- Life Cycle Assessment

About the Location – Québec City, Canada

Québec City, Canada, is the capital of Quebec and the second largest city in the province. With a metropolitan population of nearly 1 million, the city provides a variety of activities and especially cultural events, including art galleries, museums and historic sites. Highlights include historic Old Québec City, a UNESCO World Heritage Site. The city rests on the banks of the St. Lawrence River with numerous outdoor activities nearby in summer. The month of June is particularly comfortable, with an average high temperature of 22 °C (72 °F).



ISCRE 27 will be held at the Hilton Québec, in downtown Québec City, Canada. Located at 1100 Rene Levesque East, the Hilton is next to historic Old Québec City, a UNESCO World Heritage Site. The Plains of Abraham and Parliament are short walk away, and the Quartier Petit Champlain is a kilometer from the hotel. The Hilton is also connected to the Quebec City Convention Center. Hilton Quebec is about 15 km from Quebec City (YQB) airport with taxis or buses available for transportation.

Québec City: <https://www.quebec-cite.com/en>

Hilton: <https://www.hilton.com/en/hotels/yqbhnh-hilton-quebec/>

History of ISCRE

Chemical Reaction Engineering (CRE) first arose as a discipline to meet the needs of the rapidly growing petroleum, petrochemical, and chemical industries in the 1940s and 1950s. Perhaps the most important events for the international CRE scientific community have been the International Symposia on Chemical Reaction Engineering, which were initiated at the first meeting in Amsterdam in 1957. The location of these meetings alternated between Europe and North America until ISCRE 17, which was held in Hong Kong in August 2002. These conferences bring together, for four days, distinguished international researchers in reaction engineering, prominent industrial practitioners, and new researchers and students of this multifaceted field. These conferences are a unique gathering for reaction engineers where research gains are consolidated and new frontiers explored. The state of the art of various sub-disciplines of reaction engineering is reviewed in a timely manner, and new research initiatives are discussed.



International
Symposia on
Chemical
Reaction
Engineering

Year	Conference	Location	
1970	ISCRE-1	Washington	USA
1974	ISCRE-3	Evanston	USA
1978	ISCRE-5	Houston	USA
1982	ISCRE-7	Boston	USA
1986	ISCRE-9	Philadelphia	USA
1990	ISCRE-11	Toronto	CAN
1994	ISCRE-13	Baltimore	USA
1998	ISCRE-15	Newport Beach	USA
2004	ISCRE-18	Chicago	USA
2010	ISCRE-21	Philadelphia	USA
2016	ISCRE-24	Minneapolis	USA
2023	ISCRE-27	Québec	CAN

Beginning with the ISCRE 17 meeting in Hong Kong, ISCRE meetings were held every two years, rotating among sites in North America, Europe, and the Asia-Pacific region on a six-year cycle. In North America, the ISCRE meeting (ISCRE 18) was held in Chicago in 2004. ISCRE 19 was held in 2006 in Potsdam, Germany; ISCRE 20 in 2008 in Kyoto, Japan; ISCRE 21 in 2010 in Philadelphia, USA; ISCRE 22 in 2012 in Maastricht, the Netherlands; ISCRE 23 in 2014 in Bangkok, Thailand; ISCRE 24 in 2016 in Minneapolis, USA; ISCRE 25 in 2018 in Florence, Italy; and ISCRE 26 in 2021 in Delhi, India. The next ISCRE meeting will be held in Québec City, Canada, on June 11-14, 2023. Thus, the current rotation of venues makes the ISCRE meetings truly international in character.

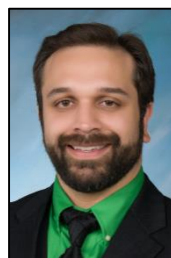
Symposium Organizers & Contacts



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Fellow
Dow Chemical Company

President of ISCRE