

14th eSim Building Simulation Conference 2026

June 17th -19th, 2026
at Université de Sherbrooke – Campus de Longueuil
Longueuil (QC), Canada



Building Performance Simulation: Advancing Sustainability and Climate Resilience

 Call for Abstracts – Submission Deadline: **October 1st, 2025**

CONFERENCE

We cordially invite researchers, practitioners, and industry experts to submit papers and abstracts for the **14th eSim Building Simulation Conference**, which will be held at the Université de Sherbrooke's Longueuil Campus (QC, Canada), approximately 4 km from Montreal, from June 17 to 19, 2026. eSim is the official biennial conference of IBPSA-Canada, the Canadian regional affiliate of the International Building Performance Simulation Association (IBPSA).

ABSTRACT SUBMISSION

The abstract submitted to the conference should be 200 words maximum.

IMPORTANT DATES

- **Abstract submission opens:** Jun. 1, 2025
- **Abstract submission deadline:** Oct. 1, 2025
- **Abstract acceptance notification:** Dec. 1, 2025
- **Paper submission deadline:** Mar. 1, 2026
- **Early bird registration deadline:** Apr. 15, 2026

CONTACTS

Conference Email: esim-2026@USherbrooke.ca

SCOPE & TOPICS

- ❖ Advanced modelling and building simulations
- ❖ Computational Fluid Dynamics (CFD) in buildings and cities
- ❖ Urban energy, microclimate, and urban heat islands,
- ❖ Resilience and climate change adaptation
- ❖ Data-driven advanced control strategies
- ❖ Occupant-centric building design and controls
- ❖ District heating and utilization of waste heat
- ❖ Energy storage technologies
- ❖ Integration of renewable energy in buildings
- ❖ Building renewables integration
- ❖ Solar building design and operation
- ❖ Building-grid interaction and load management
- ❖ Indoor air quality (IAQ), ventilation, and health
- ❖ Low/zero carbon emission buildings and communities
- ❖ Building fire safety and smoke control



Conference Organization Team

Dahai Qi, Université de Sherbrooke (Conference General Chair)
 José Candanedo, Université de Sherbrooke (Conference Co-chair)
 Liangzhu Leon Wang, Concordia University (Scientific Committee Chair)
 Chang Shu, National Research Council Canada (Scientific Committee Co-chair)
 Leyla Amiri, Université de Sherbrooke (Communication Committee Chair)
 Xin Zhang, Kochi University (Japan) (Program Committee Chair)
 Ibrahim Reda, Université de Sherbrooke (Sponsorship Committee Chair)
 Yuxiang Chen, University of Alberta (Advisory Chair)

Advisory Committee:

Andreas Athienitis, Concordia University
 Ian Beausoleil-Morrison, Carleton University
 Yuxiang Chen, University of Alberta
 Dominique Derome, Université de Sherbrooke
 Ralph Evins, University of Victoria
 Burak Gunay, Carleton University
 Karine Lavigne, Hydro Quebec
 Danielle Monfet, École de technologie supérieure
 Liam O'Brien, Carleton University
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 Theodore Stathopoulos, Concordia University
 Radu Zmeureanu, Concordia University

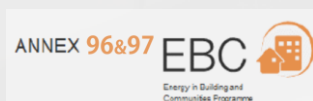
Student Members:

Farhad Afsharpanah, Université de Sherbrooke
 Daniel De Cotret, Université de Sherbrooke
 Francklin Gaël Nyami, Université de Sherbrooke
 Zhonglin Gu, Université de Sherbrooke
 Xinshuai Geng, Université de Sherbrooke
 Mohsen Lotfi, Université de Sherbrooke
 Seyed Soheil Mousavi Ajarostaghi, Université de Sherbrooke
 Antoine Ruel, Université de Sherbrooke
 Liqi Zhang, Kochi University (Japan)
 Kexin Zheng, Université de Sherbrooke

SUPPORTING JOURNALS (further updates coming soon)



PARTNERS (further updates coming soon)



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For more information, please visit <https://esim-2026.evenement.usherbrooke.ca>
 and <https://www.event.fourwaves.com/esim2026/pages>



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