

eSIM 2020

BUILDING SIMULATION
MEETS BUILDING DATA

VANCOUVER BC, CANADA
JUNE 15-16, 2020

CALL FOR SPONSORS

WHAT IS “eSIM 2020”?

eSim is the conference of IBPSA-Canada, held biannually since 2001. IBPSA-Canada is one of the largest and most active of the 28 Regional Affiliates of the International Building Performance Simulation Association, with over 600 members. eSIM has traditionally, and will continue to, represent the community of Canadian practitioners and researchers pursuing advances in building performance simulation.

For 2020, eSIM has set out a bold mission to convene an emerging international expert base in Vancouver on the subject of building data analytics. Until now, no major international research conference has invited a dedicated focus on this subject, and it is one of the fastest growing research & innovation areas in the building services industry. eSIM 2020 is aspiring to be one of the first major international congregations of experts pursuing data-driven solutions to building design, control, and performance evaluation, with plans to attract over 200 attendants from Canada and abroad.

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* Hosted opening reception (or dinner) + invited speech, prominent splash screens and logos on all media and proceedings



* Hosted lunch, prominent splash screens and logos on all media and proceedings



* Prominent logos on promotional material and proceedings



* Listed as a sponsor on conference website and in conference proceedings

WHY “BUILDING SIMULATION MEETS BUILDING DATA”?

The building simulation domain is in the midst of an evolutionary period. The increasing availability and affordability of collecting data from buildings is making it easier for simulation modelers to either calibrate physics-based models with data, or altogether replace some of these models with data. eSIM 2020 will explore synergies between simulation and data-driven methods of building analysis. An emphasis will be placed on new advances in machine learning and surrogate modelling techniques for building performance simulation; novel uses of operational building data and Internet of Things sensors; data-driven decision-making for building design and retrofits; and closing the performance gap. This broad theme will help the conference to extend beyond the traditional building simulation audience to include energy auditors and energy service providers, software developers and policy-makers.



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