IISE Annual Conference & Expo 2024
Call for Abstracts and Presentation Summaries
Montreal Convention Centre | Montreal, Canada
May 18-21, 2024

Track: Modeling & Simulation (M&S)

Abstract Submission Link available on Conference Website: https://www.iise.org/Annual/

Dear Colleagues,

The **Modeling & Simulation (M&S) Division** of the Institute of Industrial & Systems Engineers (IISE) is sponsoring the **M&S Track** at the IISE Annual Conference & Expo 2024. The conference is a forum for exchanging knowledge and discoveries in the Industrial and Systems Engineering research and practitioner communities. The IISE Annual Conference & Expo 2024 will continue to integrate research and industry applications under one conference.

As Track Chairs of the **M&S Track**, we encourage you to contribute to the Conference and Track by submitting a 250-word abstract or presentation summary. Authors will be able to claim these works as *refereed extended abstracts*, which will be available on the conference website and can be cited. They will not be copyrighted or indexed in the official conference proceedings, and therefore there is no limitation on reusing this material for other purposes (e.g., toward the publication of journal papers or subsequent conference proceedings). We highly encourage Abstracts and Presentations Summaries that demonstrate international collaboration and the application of emerging technologies and methods. Key areas include:

- *Methodological advances (e.g., agent-based simulation, simulation optimization, input and output analysis, hybrid simulation, machine learning, augmented simulation, etc.),*
- *Simulation applications (e.g., cybersecurity, defense and military, emergency preparedness, energy, finance, healthcare, manufacturing, risk modeling, transportation, etc.),*
- *Digital twins,*
- *Modeling in decision support system,*
- *Human factors and human-computer interaction,*
- *Virtual reality and training,*
- *Simulation education,*
- *Industry 4.0 models,*
- *Modeling and Machine/deep learning,*
- *Process modeling.*

Authors of accepted abstracts and presentation summaries will be invited to share their work in a conference session. Regular sessions will be 80 minutes and have up to four presentations. There will also be options where authors can elect to share their content in a "Poster Session". In addition, **there are opportunities to organize and/or participate in Special Sessions (Panels, Workshops, etc.). If you are interested in a special session, please contact us directly by November 10, 2023.**

While not required, we strongly encourage all presenters to submit a paper for publication so discoveries can be permanently documented. This year, two types of papers will be considered: Research Papers and Case Study Papers.

● *Research Papers* (with a limit of six pages) contain methods and results that are *significant* and have *archival value* to the industrial and systems engineering community. They will undergo a double-blind peer review process and accepted papers will be copyrighted and indexed in the Conference Proceedings via ProQuest.

● *Case Study Papers* (two to six pages) describe the application of a method or technology that addresses an *important industry-motivated issue*. They will be reviewed to ensure that the content focuses on the value and lessons learned for the Industrial and Systems Engineering community. The case study papers should avoid significant marketing material. Accepted manuscripts will be published with access via the IISE website.

Important deadlines:

- Submission deadline for abstract/presentation summary: November 17, 2023
- Notification of decision on abstract/presentation summary: December 22, 2023
- Paper submission deadline: February 9, 2024
    (Paper submission is optional but encouraged.)
- Notification on full paper decision: March 8, 2024
- Speaker registration deadline: March 22, 2024
- Paper final revision submission deadline: March 22, 2024

Important Note

Authors/Presenters with approved abstracts must register for the Conference by March 22, 2024. Authors/Presenters that do not register by this date will have their presentations/papers withdrawn from the program and the proceedings. The presenting author must attend and present the paper at the conference.

We look forward to seeing you in Montreal!

Best Regards,
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