



IISE Annual Conference & Expo 2025
Call for Abstracts and Presentation Summaries
Renaissance Atlanta Waverly Hotel and the Cobb Galleria Centre | Atlanta, Georgia
May 31 – June 3, 2025

Track: Human Factors & Ergonomics

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

Dear Colleagues,

The **Applied Ergonomics Society** of the Institute of Industrial & Systems Engineers (IISE) is sponsoring the **Human Factors & Ergonomics (HF/E) Track** at the IISE Annual Conference & Expo 2025. The conference is a major forum for exchanging knowledge and discoveries in the Industrial and Systems Engineering research and practitioner communities.

We encourage you to contribute to the Conference and Track by submitting a 250-word abstract or presentation summary. Accepted *refereed extended abstracts* will be available on the conference website and can be cited. They will not be copyrighted or indexed in the official conference proceedings, and there is no limitation on reusing this material for other purposes (e.g., publication of journal papers or conference proceedings). We encourage submissions that demonstrate international collaboration and the application of emerging technologies and methods.

Key areas include:

- *Applied ergonomics methods/Case studies (especially in industry)*
- *HF/E in engineering applications, like aerospace and aeronautics, agriculture, construction, manufacturing, mining, transportation, training, education and sustainable development.*
- *Digital human modeling and simulation*
- *Neuroscience and cognitive ergonomics*
- *Human-computer, human-AI, human-robotic interactions*
- *Human dynamics and human-centric designs*
- *Human performance modeling*
- *Human error, reliability and resilience engineering*
- *Physical ergonomics*
- *Musculoskeletal disorders*
- *Aging, gender and work*
- *Usability and user experiences (UX) relevant to designs, evaluations, and implementations*
- *Validations of emerging human performance technologies (e.g., exoskeletons, cyber security, computer vision, AI, autonomous systems, assistive technologies and wearables, etc.)*
- *Integrated risk management of complex systems*

- *Sociotechnical systems, organizational design and management*
- *Macroergonomics*
- *Occupational Health and Safety*
- *Design for inclusion*
- *and anything else within the realm of HF/E*

Authors of accepted abstracts will be invited to present in a conference session. Regular sessions will be 80 minutes for four presentations. There will also be 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 15, 2024.**

While not required, we strongly encourage all presenters to submit a paper for publication, including:

- *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.

To encourage submissions, the HF/E Track will have the following awards:

Student paper award– HF/E Track:	<i>Papers with a student as first and presenting author can participate in this competition.</i>
Best HF/E Track paper award:	<i>All submitted papers are eligible.</i>
Best Poster award:	<i>All presented posters.</i>

Important deadlines:

- Submission deadline for abstract/presentation summary: November 10, 2024
- Notification of decision on abstract/presentation summary: December 15, 2024
- Paper submission deadline: February 9, 2025
- Notification on full paper decision: March 9, 2025
- Speaker registration deadline: March 23, 2025
- Paper final revision submission deadline: March 31, 2025

Important Note

Authors/Presenters with approved abstracts must register for the Conference by March 23, 2025. 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 Atlanta!

Best Regards,

Renran Tian, Ph.D. (rtian@ncsu.edu)

Boyi Hu, Ph.D. (boyihu@ise.ufl.edu)

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Revised: