

34th IEEE International Symposium on Industrial Electronics (ISIE 2025)

Special Session on

“Theory and Technologies on Human Factors in Advanced Human-System Environment”

Organized by

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Sponsoring: IEEE IES Technical Committee on Human Factors (Daisuke Chugo, Chair)
IEEE IES Technical Committee on Control, Robotics, and Mechatronics (Mihoko Niitsuma, Chair)

Call for Papers

Theme: Human Factors/ergonomics is a key concept to modeling, analyzing, and designing human-machine systems, in which human factors includes not only physical but also psychology aspects. A well-designed system not only has a good combination of sensing, decision-making, and control technologies, but also makes the best use of AI in human-machine interactions. We organize this special session to discuss recent studies and development in this field. Contributors are encouraged to submit their papers including modelling and methods from mechanical, electrical, environmental, biomedical, chemical, and physical aspects with a special focus on the effect of human factors.

Topics of interest include, but are not limited to:

1	Human interactions with environment
2	Human-Robot cooperation
3	Human-system interaction
4	Human-support system
5	Sensing and recognition
6	Human factors in AI

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Submission Procedure:

All the instructions for paper submission are included in the conference website: <https://ieee-isie-2025.org/>

Deadlines:

Full paper submission: March 31, 2025
 Paper acceptance notification: April 15, 2025
 Camera-ready paper submission: May 14, 2025

Please send this completed document to:
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