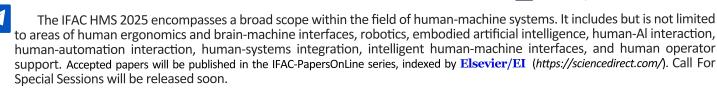
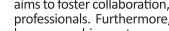


IFAC HMS 2025 Beijing, China Movember 2rd to 6th





The objective of the symposium is to serve as a premier international platform for the dissemination and discussion of the latest scientific and technological advancements in human-machine systems. By facilitating knowledge exchange, the event aims to foster collaboration, inspire innovative thinking, and promote synergies among researchers, practitioners, and industry professionals. Furthermore, it seeks to address contemporary challenges and contribute to the continual advancement of human-machine systems.



Scope of the IFAC HMS 2025

- **S1**. Decision making and cognitive processes
- **S2.** Modeling, analysis, assessment, optimization and regulation of human performance
- S3. Human and organizational factors in Industry 4.0
- **S4.** Design, analysis and performance evaluation methodology
- S5. Intelligent or adaptive human-machine interfaces
- **S6.** Human operator support and functional state assessment
- **S7.** Human operator selection and training
- **S8.** Human-machine interaction and human-computer interaction
- **S9.** Cognitive human-machine systems
- **\$10.** Human-machine symbiosis
- **S11.** Brain-machine interaction and brain-computer interface
- **S12.** Human-automation interaction and human-robot interaction
- \$13. Human-Al interaction
- **\$14.** Human-systems integration
- **\$15.** Embodied artificial intelligence
- **\$16.** Neuroergonomics, psychophysiological computing
- **\$17.** Natural cognition and interaction
- **S18.** Adaptive automation and adjustable autonomy
- **\$19.** Adaptive aiding/assistance
- **\$20.** Social, ethical and legal implications/impacts of complex HMS
- **S21.** Robotics and human machine systems
- **S22.** Robotics and intelligent systems
- **S23.** Human-machine systems for health
- S24. Humanoid and systems
- **\$25.** Robotics and interaction
- **S26.** Autonomous systems and automation
- **\$27.** Applied, virtual, or augmented environments
- **S28.** Task or functional allocation
- **\$29.** Job design and work organization

Important Dates

Deadline for special session papers Deadline for submitting initial draft Date of acceptance notice

Final paper submission

Deadline for normal registration

: May 10, 2025.

: May 28, 2025. : June30, 2025.

: July 30, 2025.

: August 1, 2025.

Organization Information

Organizing Institutes: International Federation of Automatic Control (IFAC), Chinese Association of Automation (CAA)

Host: Institute of Automation, Chinese Academy of Sciences

Main Technical Committee: TC 4.1 Human Machine Systems

Organizing Committee

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