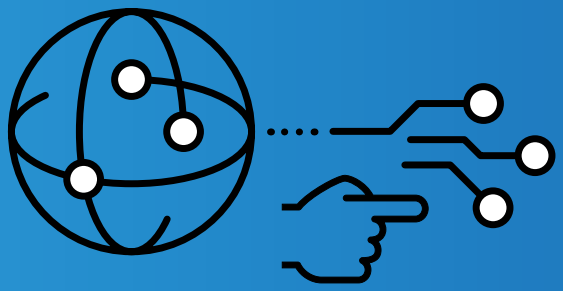
IEEE SMC Systems, Man, and Cybernetics Society | IEEE

IEEE SMC 2025
VIENNA – AUSTRIA

NAVIGATING FRONTIERS: SMART SYSTEMS FOR A DYNAMIC WORLD



October 5th to 8th, 2025

Vienna, Austria

Visit https://ieeesmc2025.org

CALL FOR PAPERS

TOPICS

CYBERNETICS (CYB)

- Agent-Based Modeling
- Application of Artificial Intelligence
- Artificial Immune System s
- Artificial Life
- Biometric Systems and Bioinformatics
- Cloud, IoT, and Robotics Integration
- Complex Network
- Computational Intelligence
- Computational Life Science
- Cybernetics for Informatics
- Deep Learning
- Evolutionary Computation
- Expert and Knowledge-Based Systems
- Fuzzy Systems and their applications
- Heuristic Algorithms
- Hybrid Models of Neural Networks, Fuzzy Systems, and Evolutionary Computing
- Image Processing and Pattern Recognition
- Information Assurance and Intelligence
- Intelligent Internet Systems
- Knowledge Acquisition
- Machine Learning
- Machine Vision
- Media Computing
- Medical Informatics
- Multimedia Computation
- Neural Networks and Their Applications
- Optimization and Self-Organization
- Approaches
- Quantum Cybernetics
- Quantum Machine Learning
- Representation Learning
- Swarm Intelligence
- Transfer Learning

HUMAN-MACHINE SYSTEMS (HMS)

- Assistive Technology
- Augmented Cognition
- Brain-Based Information Communications
- Design Methods
- Entertainment Engineering
- Human Factors
- Human Performance Modeling
- Human centered Learning
- Human-Computer Interaction
- Human-Machine Cooperation and Systems
- Human-Machine Interface
- Information Systems for Design
- Information Visualization
- Intelligence Interaction
- Interactive and Digital Media
- Interactive Design Science and Engineering
- Kansei (sense/emotion) Engineering
- Medical Informatics
- Multimedia Systems
- Multi-User Interaction
- Resilience Engineering
- Supervisory Contro l
- Systems Safety and Security
- Team Performance and Training Systems
- User Interface Design
- Virtual and Augmented Reality Systems
- Wearable Computing

SYSTEMS SCIENCE & ENGINEERING (SSE)

- Communications
- Conflict Resolution
- Consumer and Industrial Applications
- Control of Uncertain Systems
- Cooperative Systems and Control
- Decision Support Systems
- Discrete Event Systems
- Distributed Intelligent Systems
- Electric Vehicles and Electric Vehicle Supply Equipment
- Enterprise Information Systems
- Fault Monitoring and Diagnosis
- Homeland Security
- Infrastructure Systems and Services
- Intelligent Green Production Systems
- Intelligent Power Grid
- Intelligent Transportation Systems
- Large Scale System of Systems
- Manufacturing Automation and Systems
- Mechatronics
- Micro and Nano Systems
- Modeling of Autonomous Systems
- Quality and Reliability Engineering
- Robotic Systems
- Service Systems and Organizations
- Smart Buildings, Smart Cities, and Infrastructures
- Smart Metering
- Smart Sensor Networks
- Soft Robotics
- System Architecture
- System Modeling and Control
- Technology Assessment
- Trust in Autonomous Systems

SUBMISSION GUIDELNES

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For paper or abstract submission, please use the template provided by the papercept system: https://conf.papercept.net/conferences/scripts/start.pl

Regular Papers

Prospective authors are invited to submit full-length papers electronically through the conference website (https://www.ieeesmc2025.org/). Papers (regular length of up to 6 pages) with max. 2 overlength pages (including paper title, authors and affiliations, figures, and references) for an extra fee should be concise but contain sufficient details and references to allow critical review. Papers will be reviewed (single-blinded) by at least two referees for technical merit and content.

Special Session Papers

Special Sessions provide a focused discussion of new and innovative topics. Special Session proposers should download the special session proposal template and submit the completed proposal to the Special Sessions Chairs. Special Session organizers should collect at least six papers. All submitted special session papers undergo the same review process as regular papers, and submission to proposed session is not a guarantee of acceptance.

Work-in-Progress and Industrial Papers

These contributions are intended to show work-in-progress and to promote contributions from industries on technology development, innovations, and implementations, which will facilitate collaboration between industrial and academic members of the SMC community.

Such kind of papers describe research that have not yet produced the results required for a regular paper, but that due to its novelty and potential impact deserves to be shared with the community at an early stage. These submissions need to follow the guidelines for the regular and special session but limited to four (4) pages (total length including references). All submitted work-in-progress and industrial papers undergo the same review process as regular papers via submission page.

Workshop Papers

These contributions are intended to promote contributions from applied research and applications, including work in progress, and facilitate increased collaboration between industrial and academic members of the IEEE SMC community. All submitted workshop papers undergo the same review process as regular papers, and submission to proposed session is not a guarantee of acceptance.

BMI Workshop Papers

See BMI workshop website (https://sites.google.com/view/smc-bmi-workshop2025/).

SEE YOU IN VIENNA!

DEADLINES

Special Session Proposal Deadline
~~February 7, 2025~~ **Extended to March 5, 2025**

Workshop and Tutorial Proposal Deadline
~~February 7, 2025~~ **Extended to March 5, 2025**

Notification of Special Session, Workshop, and Tutorial Acceptance
~~February 28, 2025~~ **Extended to March 17, 2025**

Deadline for Regular and Special Session Paper Submission
~~April 4, 2025~~ **Extended to May 4, 2025**

Deadline for Work in Progress and Industry Paper Submission
~~April 25, 2025~~ **Extended to May 23, 2025**

Acceptance Notification of Papers
~~May 23, 2025~~ **Extended to June 23, 2025**

Final Camera-ready Submission of Papers
~~June 20, 2025~~ **Extended to July 18, 2025**

Deadline for Early Bird Rate Registration (author and non-author)
July 18, 2025

Deadline for Late Registration (non-author)
September 26, 2025

CONTACT

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