

**IEEE****IEEE SMC**  
Systems, Man, and Cybernetics Society

# THE 2027 IEEE INTERNATIONAL CONFERENCE ON SYSTEMS, MAN, AND CYBERNETICS

# IEEE SMC 2027

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October 6-10, 2027

Ho Chi Minh City, Vietnam



The 2027 IEEE International Conference on Systems, Man, and Cybernetics (IEEE SMC 2027), hosted by Ho Chi Minh City University of Technology and Engineering-Vietnam, will bring together leading researchers, academics, industry professionals, and innovators from around the world to exchange knowledge and explore emerging advances in systems science and engineering, human-machine systems, and cybernetics. Under the theme **“Human-AI Symbiosis: Engineering Intelligent, Autonomous, and Sustainable Futures,”** the conference will highlight cutting-edge developments in artificial intelligence, human-AI collaboration, intelligent and autonomous systems, robotics, digital twins, cyber-physical systems, trustworthy AI, and sustainable technologies. IEEE SMC 2027 will provide an international forum for sharing innovative research, fostering interdisciplinary collaboration, and developing intelligent solutions to complex technological and societal challenges.

We particularly encourage submissions that focus on the **following topics** (but are not limited to):

## SYSTEMS SCIENCE & ENGINEERING (SSE)

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| <ul style="list-style-type: none"> <li>Autonomous Bionic Robotic Aircraft</li> <li>Bio-mechatronics and Bio-robotics Systems</li> <li>Blockchain</li> <li>Conflict Resolution</li> <li>Cyber-Physical Cloud Systems</li> <li>Cyber Humanities</li> <li>Cyber Systems and Engineering</li> <li>Discrete Event Systems</li> </ul> | <ul style="list-style-type: none"> <li>Distributed Intelligent Systems</li> <li>Embodied AI Systems</li> <li>Enterprise Architecture and Engineering</li> <li>Enterprise Information Systems</li> <li>Flexible Electronic Systems</li> <li>Grey Systems</li> <li>Homeland Security</li> <li>Intelligent Learning in Control Systems</li> <li>Intelligent Power and Energy Systems</li> <li>Security Systems</li> </ul> | <ul style="list-style-type: none"> <li>Intelligent Systems to Human-Aware Sustainability</li> <li>Intelligent Transportation Systems</li> <li>Logistics Informatics and Industrial</li> <li>Medical Mechatronics</li> <li>Model-Based Systems Engineering</li> <li>Robotics and Intelligent Sensing</li> <li>Service Systems and Organization</li> <li>Systems Biology</li> <li>System of Systems</li> </ul> |
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## CYBERNETICS (CYB)

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| <ul style="list-style-type: none"> <li>Awareness Computing</li> <li>Big Data Computing</li> <li>Brain-Inspired Cognitive Systems</li> <li>Cognitive Situation Management</li> <li>Computational Collective Intelligence</li> <li>Computational Cybernetics</li> <li>AI-Based Smart Manufacturing Systems</li> <li>Computational Intelligence</li> <li>Computational Life Science</li> <li>Computational Psychophysiology</li> <li>Cyber-enabled World</li> </ul> | <ul style="list-style-type: none"> <li>Cyber-Medical Systems</li> <li>Cybernetics for Cyber-Physical Systems</li> <li>Cyber Humanities</li> <li>Cyber Systems and Engineering</li> <li>Evolving Intelligent Systems</li> <li>Granular Computing</li> <li>Information Assurance &amp;</li> <li>Intelligent Multimedia-Mobile Communications</li> <li>Intelligent Industrial Systems</li> </ul> | <ul style="list-style-type: none"> <li>Intelligent Industrial Systems</li> <li>Intelligent Internet Systems</li> <li>Intelligent Vehicular Systems &amp; Control</li> <li>Knowledge Acquisition in Intelligent Systems</li> <li>Machine Learning</li> <li>Medical Informatics</li> <li>Social and Economic Security</li> <li>Social Computing and Social Intelligence</li> <li>Soft Computing</li> <li>Quantum Cybernetics</li> </ul> |
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## HUMAN-MACHINE SYSTEMS (HMS)

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| <ul style="list-style-type: none"> <li>Biometrics and Applications</li> <li>Brain-Machine Interface Systems</li> <li>Cognitive Computing</li> <li>Companion Technology</li> <li>Computer Supported</li> <li>Cooperative Work in Design</li> <li>Cyber Humanities</li> </ul> | <ul style="list-style-type: none"> <li>Cyber Systems and Engineering</li> <li>Environmental Sensing,</li> <li>Networking and Decision Making</li> <li>Human Centered Transportation Systems</li> <li>Humanized Crowd Computing</li> <li>Human-Machine Interaction for</li> </ul> | <ul style="list-style-type: none"> <li>Connected and Automated Vehicles</li> <li>Information Systems for Design and Marketing</li> <li>Interactive and Wearable</li> <li>Computing and Devices Shared Control</li> <li>Visual Analytics and Communications</li> </ul> |
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# IEEE SMC 2027



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- Chien-Hsun Chen, Taiwan

## Paper submission

All submissions must be in English. The full papers are to be submitted electronically in PDF format via the PaperCept submission system link (will be coming shortly).

Accepted and presented papers will be copyrighted to IEEE and published in conference proceedings, which will be eligible for inclusion in the IEEE Xplore® Digital Library, once it meets the requirements of an IEEE quality review.

## IMPORTANT DATES

**FEBRUARY 15, 2027**

Submission of Proposals  
for Special Sessions,  
Tutorials and Workshops

**APRIL 08, 2027**

Paper submission for  
Workshops, Regular  
and Special Sessions

**JULY 05, 2027**

Deadline for Early Bird  
Registrations

**AUGUST 05, 2027**

Deadline for Late  
Registration (Author)

**MARCH 04, 2027**

Special Sessions, Tutorials  
and Workshops acceptance  
notification

**MAY 30, 2027**

Notification of Papers  
Acceptance for Workshops,  
Regular and Special Sessions

**JULY 15, 2027**

Final Paper Camera-ready  
Submission of Regular,  
Special Sessions and  
Workshops

**OCTOBER 04, 2027**

Deadline for Late Registration  
(Non-Author)

## Publications Chair

- Van-Phong Vu, Vietnam

## Best Paper Award Chairs

- Philip Chen, China
- Tom Gedeon, Australia
- Robert Kozma, USA

## Web Chair

- Ngoc-Thin Chau, Vietnam

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- Van-Nguyen Nguyen, Vietnam
- Phuong-Thu-Thuy Phung, Vietnam
- Thi-Thanh-Truc Tran, Vietnam
- Pham -Viet-Anh-Thu Le, Vietnam

## Venue and Accommodation

### Sheraton Saigon Grand Opera Hotel

No. 88 Dong Khoi, Saigon Ward, Ho Chi Minh City, Vietnam

## Additional Information

Visa applications: <https://evisa.gov.vn>

## Contact

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