

IEEE International Conference on Mechatronics

March 7th – 9th, 2027, Yokohama National University, Yokohama, Japan

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The 2027 IEEE International Conference on Mechatronics (ICM2027) will be held from **March 7th to March 9th, 2027, at Yokohama National University (YNU) in Yokohama, Japan**. As a flagship biennial conference on Mechatronics sponsored by the IEEE Industrial Electronics Society, ICM2027 will bring the international mechatronics community to present the latest research results, share new ideas and engineering breakthroughs and discuss the state-of-the-art challenges and future directions in mechatronics.

The organizing committee cordially invites high-quality papers representing original work, including but not limited to the following topics:

- Sensing, Perception, and Measurement
- Actuation, Smart Materials, and Mechanical Structures
- Intelligent Control, AI, and Networked Mechatronic Systems
- Micro/Nano Mechatronics and Precision Control System
- Force Control, Haptics, and Human-Centered Mechatronics
- Mechatronic Applications in Mobility, Manufacturing, and Industry

All submissions must be uploaded through IEEE Industrial Electronics Society's Conferences Community System <https://confcomm.ieee-ies.org/home/welcome> following the schedule below. Each submission will be reviewed by three independent reviewers using a single blind peer review process, and will be screened for plagiarism and duplicate publication. The accepted papers are to be presented in the conference, and will be hosted on IEEE Xplore, subject to formatting and copyright requirements.

Conference Venue: The conference will be held at Yokohama National University (YNU). Founded in 1874, YNU is known as the "Oasis" of Yokohama for its green campus surrounded by the city, and offers an international environment with 800 international students and 140 international partner universities. As the second largest city in Japan with a population of 3.7 million, Yokohama is very accessible, just 30 minutes from Haneda Airport and Tokyo Station. Yokohama has been Japan's gateway to the world since Commodore Perry's landing in 1854; it was the first city in Japan to adopt rail transport, daily newspapers, gas lamps, beer, tennis, golf and more, and offers a historical but modern environment that attracts 39 million tourists a year.

Important Dates

Special Session Proposal Deadline:	October 19, 2026
Regular/SS Paper Submission Deadline:	November 2, 2026
Working-in-progress (WIP) Deadline:	December 14, 2026
Paper Acceptance Notification (Regular/SS):	January 5, 2027
Paper Acceptance Notification (WIP):	January 5, 2027
Final Paper Submission Deadline:	January 19, 2027

Conference Website: <https://icm2027.ieee-ies.org/>