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**IEEE****IEEE ICMA 2027**

**2027 IEEE International Conference on
Mechatronics and Automation
August 8-11, 2027, Takamatsu, Japan**

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Call for Papers

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The 2027 IEEE International Conference on Mechatronics and Automation (ICMA 2027) will take place in Takamatsu, Kagawa, Japan from August 8 to August 11, 2027. The IEEE ICMA 2027 will be held in a hybrid format, including simultaneous on-site and cloud meetings. Located in Takamatsu, Kagawa, Japan. Takamatsu is a small city located at Sikoku which is the smallest island in 4 main islands of Japan. Shikoku contains a lot of temples including Zentsu-ji, where one of the most famous Buddhists, Kukai, was born. As the host city of ICMA 2027, Takamatsu not only provides the attendees with a great venue for this event, but also an unparalleled experience in the Japanese history through several historical architectures. You are cordially invited to join us at IEEE ICMA 2027 in Takamatsu. The objective of ICMA 2027 is to provide a forum for researchers, educators, engineers, and government officials involved in the general areas of mechatronics, robotics, automation and sensors to disseminate their latest research results and exchange views on the future research directions of these fields.

The topics of interest include, but not limited to the following:

- Intelligent mechatronics, robotics, biomimetics, automation, control systems,
- Opto-electronic elements and Materials, laser technology and laser processing
- Elements, structures, mechanisms, and applications of micro and nano systems
- Teleoperation, telerobotics, haptics, and teleoperated semi-autonomous systems
- Sensor design, multi-sensor data fusion algorithms and wireless sensor networks
- Biomedical and rehabilitation engineering, prosthetics and artificial organs
- Control system modeling and simulation techniques and methodologies
- AI, intelligent control, neuro-control, fuzzy control and their applications
- Industrial automation, process control, manufacturing process and automation

Contributed Papers: All papers must be submitted in PDF format prepared strictly following the IEEE PDF Requirements for Creating PDF Documents for IEEE Xplore. The standard number of pages is 6 and the maximum page limit is 8 pages with extra payment for the two extra pages. See detailed instructions in the conference web site. All papers accepted will be indexed by EI and all conference content will be submitted for inclusion into IEEE Xplore®. Extensions of selected papers will be published in a regular or a special issue of the journals of **IJMA**.

Organized Sessions: Proposals with the title, the organizers, and a brief statement of purpose of the session must be submitted to an OS Chair by April 10, 2027.

Tutorials & Workshops: Proposals for tutorials and workshops that address related topics must be submitted to one of the Tutorial/Workshop Chairs by May 1, 2027.

Important Dates:

April 10, 2027	Full papers and organized session proposals
May 1, 2027	Proposals for tutorials and workshops
May 15, 2027	Notification of paper and session acceptance
June 1, 2027	Submission of final papers in IEEE PDF format



For detailed up-to-date information, please visit the IEEE ICMA conference website at:

<http://2027.ieee-icma.org>