2027 ICMCR

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5th

2027 5th International Conference on Mechatronics, Control and Robotics

August 5-7, 2027 //Jeju, South Korea

As the world continues to witness dynamic shifts brought about by these technologies, it becomes imperative to foster collaborative platforms where ideas can be exchanged, challenges identified, and solutions crafted. It is with this vision that 2027 5th International Conference on Mechatronics, Control and Robotics (ICMCR) is set to be held in Jeju, South Korea, from August 5-7, 2027. It's co-sponsored by Jeju National University and Sensors and Systems Society of Singapore; hosted by Jeju National University. Patrons are Memorial University and Fukuoka Institute of Technology.

ICMCR 2027 is designed not merely as a conference, but as a crucible for innovation. It aims to bring together a melange of researchers, practitioners, and professionals from the industry, academia, and government. This unique amalgamation ensures a holistic understanding of the subject matter, where theoretical foundations meet practical applications.

Call for Papers

Potential topics include, but are not limited to:

Track 1. Computational Intelligence and Algorithms:
Genetic Algorithms
Machine Learning in Control Applications
Evolutionary Computation and Control
Neural Networks based Control Systems
Fuzzy Control
Artificial Intelligence and Intelligent Control

Track 2. Control Systems and Applications:
Distributed Control Systems
Advanced Motion Control
Vibration and Noise Control
Mechatronics in Energy Systems
Fault detection and Diagnosis in Mechatronics Systems
System Integration

Track 3. Robotics and Mechatronics:
Robotics, Mobile Platforms, Unmanned Vehicles
Mechatronics applications in agriculture and regional industries
Advanced Manufacturing
Micro/Nano Mechatronics
Mechatronics Applications in Cyber-physical Systems

Track 4. Sensors, Actuators, and Interfaces:
Sensors and Actuators, Haptics and Networks
Human-Machine Interface

Track 5. Specialized Applications:
Automotive and Transportation Systems
Applications (Medical, Bioengineering, Aeronautics, ...)
Mechatronics in Tertiary Education

Track 6. Systems Design and Integration:
Knowledge-based Systems Applications
Software Agents for Intelligent Control Systems
Modelling and Design

More information about topics, please visit:https://www.icmcr.org/cfp.html

Important Dates

Submission Deadline: March 10, 2027
Acceptance Notification Date: April 10, 2027
Authors' Registration Deadline: April 25, 2027

Publication

Papers submitted will be peer reviewed by the international program committees. Accepted papers will be published in Conference Proceedings.

Publication and Index Records:
ICMCR2026 Conference Proceedings | IEEE Xplore | Ei Compendex and Scopus.
ICMCR2025 Conference Proceedings | IEEE Xplore | Ei Compendex and Scopus.
ICMCR2024 Conference Proceedings | IEEE Xplore | Ei Compendex and Scopus.
ICMCR2023 Conference Proceedings | IEEE Xplore | Ei Compendex and Scopus.

A few selected papers will be recommended to International Journal of Mechanical Engineering and Robotics Research (ISSN: 2278-0149) for possible publication after being extended, which will be indexed by ESCI (Web of Science), Scopus, CNKI, Google Scholar, etc.

Submission

Submission system:
https://www.zmeeting.org/submission/ICMCR2027
Submission email:
icmcr_conf@outlook.com
For those who're NOT looking to publish their papers, it's acceptable to submit your abstracts
More information about submission, please visit:
https://www.icmcr.org/submission.html

Contact us

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Co-sponsors

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