

11TH International Conference on Control, Automation, and Diagnosis



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July 6-8, 2027



Paris-France

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11th International Conference on Control, Automation and Diagnosis (ICCAD 2027) will be held on July 6-8, in Paris-France.

ICCAD 2027 is intended to serve as a major international forum for the exchange of ideas. Its purpose is to be a forum for technical exchange amongst scientists having interests in Control, Automation and Diagnosis and related topics and applications.

ICCAD 2027 will be technically sponsored by IFAC, IEEE and DBLP.

Registered and Presented papers will be submitted for inclusion into IEEE Xplore subject to meeting IEEE Xplore's scope and quality requirements.

Authors of selected outstanding papers will be invited to submit extended versions of their papers for consideration of publication in the following journals:

1. Actuators (ISI Thomson IF: 2.523, Q2, ISSN 2076-0825);
2. Machines (ISI Thomson IF: 2.428, ISSN 2075-1702);
3. Computers in Industry (ISI Thomson IF: 2.850, ISSN 0166-3615);
4. Asian Journal of Control (ISI Thomson IF: 1.528, ISSN 1934-6093);
5. Acta Polytechnica Hungarica (ISI Thomson IF: 1.286, ISSN 1785-8860)...

Control

Adaptive Control, Control Applications, Control Education, Cooperative Control Systems, Decision Theory, Discrete Event Systems, Estimation and Identification, Process Control & Instrumentation, Robust Control, Sensor networks and networked control, Sensor/data fusion, Stochastic systems, Automotive Control, Fractional Order Control, Control of Renewable Energy Systems, Backstepping Control, Heuristic Method, Blockchain Technology, Distributed Applications, Control in Agriculture, Emerging IoT technologies in control, ...

Fault Detection and Diagnosis

Artificial Intelligence for Diagnosis, Condition Monitoring, Data-driven Diagnosis Methods, Diagnosis of Discrete- Event Systems, Diagnosis of Hybrid Systems, Diagnosis of Linear Systems, Diagnosis of Nonlinear Systems, Fault Detection and Isolation, Fault-tolerant control, Maintenance and Repair Strategies, Neural and Fuzzy Methods, Supervision Process, Prognosis and Health Management, Reliability and Safety, Statistical Methods for Fault Diagnosis, Remaining-useful life estimation, Battery Management System, Data-Driven Applications, Predictive Maintenance, Measurement and Testing (Non-Invasive Approach), Smart Healthcare Systems, COVID-19 Digital technologies, Biomedical Monitoring Systems, Control of Power Converters, Advanced PWM techniques for power converters control, Advanced control techniques for converters,

Automation

Automated Guided Vehicles, Embedded Systems, Factory Modeling and Automation, Flexible Manufacturing Systems, Integrated Manufacturing, Learning Systems, Industrial Automation, Process Monitoring and Supervision, Real-time Systems, Robotics, Human-Robot Interaction and Collaborative Systems, Smart Structures, Cyber-Physical Systems, Smart Factory, e-Health, Smart Sensors, Hardware-Embedded Intelligence, Remote Medical Device Monitoring, COVID-19 Production Impacts, Intelligent Autonomous Vehicles, Instrumentation and Actuators, Emerging IoT technologies in Automation, Remote Sensing and Signal Processing, ...

Related Topics

Industry 4.0, Deep learning, Artificial intelligence, IoT, Bioinformatics, Optimization, Instrumentation and Actuators, Operational Research, Production Engineering, Project Management, Software Engineering, Security and Cryptology, Transport Optimization, Transportation Systems, Networking, Big-data, Computational Statistics.

IMPORTANT DATES

- Submission deadline: January 31, 2027
- Special session proposal: January 31, 2027
- Notification of acceptance: March 31, 2027
- Submission of camera-ready: May 10, 2027
- Deadline for Registration: May 10, 2027

