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UNIVERSITAT POLITĚCNICA **DE CATALUNYA** BARCELONATECH

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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 Systems. Energy Backstepping Control, Heuristic Method.

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.

Industrial Committee Chairs Eric Bechhoefer, GPMS International Inc, USA

more information, (peck us out at: July 1-3, 2025

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2025 9th International Conference on Control, Automation and Diagnosis (ICCAD 2025) will be held on July 1-3, in Barcelona - Spain.

ICCAD 2025 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 2025 is technically sponsored by IFAC, IEEE and DBLP.

Registered and Presented papers will be submitted for inclusion into IEEE Xplore.

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

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

Diagnostics and Condition Monitoring

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

Automation

Automated Guided Vehicles, Embedded Systems, Factory Modeling and Automation, Flexible Manufacturing Systems, Integrated Manufacturing, Learning Systems, Manufacturing Systems, Monitoring and Supervision, Process Automation, Real-time Systems, Robotics, Smart Structures, Cyber-Physical Systems, Smart Factory, e-Health, Industrial Process Monitoring and Automation, Human-Robot Cooperative

Important Dates

Special session proposal: February 28, 2025 New submission deadline: March 28, 2025 Notification of acceptance: April 30, 2025 Submission of camera-ready: May 10, 2025 Deadline for Registration: May 10, 2025



All papers must be written in English. The length of the paper is limited to a maximum of 6 pages (in the standard IEEE conference double column format). For further information write to: contact@iccad-conf.com infoline: +216 28 402 104

