



# 8<sup>TH</sup> International Conference on Control, Automation, and Diagnosis

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### Honorary Chairs

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**Zineb Simeu-Abazi**, University Grenoble Alpes - France  
**Hassani Messaoud**, University of Monastir - Tunisia.

### General Chairs

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### Program Chairs

**Chakib Ben Njima**, University of Sousse - Tunisia  
**Mohamed Djemai**, University of Polytech Hauts-de-France  
**Anahita Khojandi**, University of Tennessee, Knoxville - USA

### Publication Chairs

**Rahma Kalboussi**, University of Sousse - Tunisia  
**Ahmad Taher Azar**, Prince Sultan University - KSA  
**Haoping Wang**, Nanjing University - China

### Special Session Chairs

**Lotfi Saidi**, University of Sousse - Tunisia  
**Vicenç Puig**, Polytechnic University of Catalunya - Spain  
**Wasif Naem**, Queens University Belfast - United Kingdom

### Local Arrangement Chairs

**Rabia Sehab**, ESTACA - France  
**Chakib Ben Njima**, University of Sousse - Tunisia

**8<sup>th</sup> International Conference on Control, Automation and Diagnosis (ICCAD'24)** will be held on **May 15-17, 2024, in Paris-France.**

**ICCAD'24** 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'24** 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:

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

### Fault Detection and Diagnosis

Artificial Intelligence Methods 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,

### 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 Systems, Human-Robot Interaction Control

### Related Topics

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

### Important Dates

- Submission deadline: December 15, 2023
- Notification of acceptance: January 26, 2024
- Submission of camera-ready: February 29, 2024
- Deadline for Registration: February 29, 2024



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).

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