CONTROLO 2026 COIMBRA

Coimbra
Portugal
September 9-11, 2026

CALL FOR PAPERS

https://controlo2026.apca.pt

IFAC · INTERNATIONAL FEDERATION OF AUTOMATIC CONTROL · IEEE Industrial Electronics Society · IEEE Education Society

17th APCA International Conference on Automatic Control and Soft Computing

The biennial 17th APCA International Conference on Automatic Control and Soft Computing (CONTROLO 2026) will host an unforgettable meeting with the community engaged in presenting the latest developments in the fields of control, automation, robotics and soft computing. Its 2026 edition will be held in Coimbra, Portugal.

Important Dates

Special Session Proposal	Paper Submission	Acceptance Notification	Camera Ready
January 15, 2026	May 1, 2026	July 1, 2026	July 17, 2026

Early bird Registration	Registration	Conference
July 31, 2026	July 1, 2026 – September 9, 2026	September 9 – 11, 2026

General Chairs

Jérôme Mendes
(University of Coimbra)
Pedro Neto
(University of Coimbra)
Cristóvão Silva
(University of Coimbra)

Vice-Chair from Industry
Pedro Sousa
(Oncontrol Technologies)

Scope

Research topics of interest for Regular Sessions include but are not limited to:

Control Systems

- Adaptive Control
- Aeronautics and Aerospace control
- Control Education
- Control technology, sensors & actuators
- Control Theory, Architectures & Applications
- Discrete-event systems
- Distributed Control
- Estimation and Identification
- Fault Detection, Diagnosis and Fault Tolerant Control
- Fuzzy and Neuro-Fuzzy Systems & Control
- Human in the Loop Control
- Hybrid Systems
- Intelligent and AI Based Control
- Linear and Nonlinear Control
- Modelling and Simulation
- Networked Control Systems
- Optimal, Robust & Stochastic Control
- Optimization Approaches
- Remote & Virtual Laboratories

Automation and Robotics

- Automated Guided Vehicles
- Autonomous Agents
- Cyber-Physical Systems
- Embedded Systems
- Factory Modelling & Automation
- Grafcet & Petri-Nets
- Human-Agent Interaction
- Human-Machine Interfaces
- Industrial Networks & Automation
- Industrial Automation
- Instrumentation
- IoT& Industry 4.0
- Manufacturing systems
- Mechatronics Systems
- Mobile Robots
- Modelling of Complex Systems
- Perception & Awareness
- Process Automation
- Real-Time Systems
- Robotics
- Vision, Recognition & Reconstruction

Soft-Computing with application to Control, Automation or Robotics

- Adaptive & Dynamic Programming
- Artificial Intelligence & Pattern Recognition
- Cloud, Fog and Big Data
- Cognitive Artificial Systems
- Computational Intelligence
- Data Mining & Information Retrieval
- Data Reduction and Interpretation
- Evolution of AI Systems
- Independent & Cognitive Computing
- Intelligent Agents & Context Awareness
- Knowledge Acquisition & Representation
- Machine Learning
- Perception Intelligent Decision Systems
- Reinforcement & Deep-Learning

Contact/Information

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Associação Portuguesa de Controlo Automático · UNIVERSIDADE DE COIMBRA · CEMMPRE · INSTITUTO DE SISTEMAS E ROBÓTICA UNIVERSIDADE DE COIMBRA · ARISE · CERES · oncontrol · Sociedade Portuguesa de Robótica · APDIO ASSOCIAÇÃO PORTUGUESA DE INVESTIGAÇÃO OPERACIONAL · SPEE SOCIEDADE PORTUGUESA PARA A EDUCAÇÃO EM ENGENHARIA