32nd MEDITERRANEAN CONFERENCE ON CONTROL AND AUTOMATION

https://www.med-control.org/med2024

JUNE 11 - 14, 2024
KAM Center of Mediterranean Architecture
CHANIA, CRETE, GREECE

MCA · IEEE · IEEE Robotics & Automation Society · IEEE Control Systems Society · ICUAS · ΠΟΛΥΤΕΧΝΕΙΟ ΚΡΗΤΗΣ TECHNICAL UNIVERSITY OF CRETE

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MCA AND PREVIOUS CONFERENCE INFORMATION:
www.med-control.org

FOR INFORMATION ABOUT CRETE, SEE:
https://www.visitgreece.gr/islands/crete/

The **32nd Mediterranean Conference on Control and Automation**, **MED 2024**, returns to the beautiful and historical island of Crete, in the heart of the Mediterranean Sea. The venue is the "Great Arsenal" and "Mikis Theodorakis" Theater Hall of KAM Center of Mediterranean Architecture (https://www.chania-culture.gr/), two iconic buildings from the 15th century, in the old harbor of Chania, less than a 30 minute-drive from "Ioannis Daskalogiannis" Chania International Airport.

The theme of **MED 2024** centers on the control and automation challenges and opportunities in the 21st century, focusing on system design for autonomy and resilience, particularly in high-confidence cyber-physical systems.

MED 2024 extends across a span of four full days, and it is organized under the auspices of the Technical University of Crete. On June 11, the focus will be on Tutorials and Workshops, while the subsequent three days, June 12-14, will comprise the technical conference. Aligning with the current trend of merging control and systems theory with hardware/software and communication technologies, the conference will explore advancements in robotics and unmanned systems, autonomous systems, mechatronics, cyber-physical systems, and network-controlled systems. These topics of interest aim to foster collaboration between control and automation scientists and industry professionals.

TOPICS OF INTEREST

Adaptive Control	Energy Efficient Systems	Neural Networks
Aerospace Control	Event-Based Systems	Non-linear Systems
Agents/Agent-based Systems	Fault-tolerant Control	Optimization
Autonomous Systems	Formation Control	Petri Nets
Autonomy	Fuzzy Logic and Fuzzy Control	Power Systems
Biologically Inspired Systems	Genetic and Evolutionary Computation	Predictive control
Computational Intelligence	Hybrid Systems	Process control
Computer Aided Control System Design	Image Processing	Real-time Control
Computer Controlled Systems	Industrial Automation, Manufacturing	Robotics
Communication Systems	Integrated Control and Diagnostics	Robotic Teams and Swarms
Cooperative Systems Control	Intelligent Control	Robust Control
Cyber Physical Systems	Intelligent Transportation Systems	Smart Grid
Decentralized Control	Learning Control	Soft Computing
Digital Control Systems	Linear Systems	Spectral Estimation
Discrete Event Dynamic Systems	Marine Control	System Identification
Distributed Parameter Systems	Mechatronic Systems	Uncertain Systems
Disturbance Rejection	Modeling and Simulation	Unmanned Systems
Education and Training	Management Information Systems	Verification and Validation
Embedded Control Systems	Network Controlled Systems	Virtual and Augmented Reality

SUBMISSIONS

PAPERS: The paper format must follow IEEE paper submission rules, two-column format using 10-point font, Times New Roman or similar. The maximum number of pages per submitted paper is six (6). Up to two (2) additional pages will be permitted for an additional charge. Illustrations and references are included in the page count.

INVITED SESSIONS: Proposals for invited sessions should contain a summary statement describing the motivation and relevance of the proposed session, the invited paper titles and the names of the authors. Authors must submit FULL invited papers. Each paper must be marked as "Invited Session Paper".

WORKSHOPS AND TUTORIALS: Proposals for workshops and tutorials should contain title, list of speakers, and extended summaries (2000 words) of their presentations.

All contributions (papers, invited papers, proposals for invited sessions, workshops, and tutorials) must be submitted electronically through https://controls.papercept.net by February 1, 2024.

REVIEW: All submitted papers will undergo a peer review process coordinated by the Program Chairs, Advisory Committee Members, IPC members and qualified reviewers. Authors will be notified of results at the latest by April 10, 2024. Accepted papers must be uploaded electronically no later than May 6, 2024.

IMPORTANT DATES

February 1, 2024:	Full Papers / Invited Sessions / Tutorial Proposals Due
April 10, 2024:	Acceptance / Rejection Notification
May 6, 2024:	Upload Final, Camera Ready Papers
April 10 – May 6, 2024:	Early Registration