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