

MI-STA 2027

2027 IEEE 6th International Maghreb Meeting
of the Conference on Sciences and Techniques of
Automatic Control and Computer Engineering



25 – 27 April 2027



Al Bayda, Libya

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IEEE

Region 8



The 2027 IEEE 6th International Maghreb Meeting of the conference on Sciences and Techniques of Automatic control and computer engineering (MI-STA 2027) is an IEEE technically co-sponsored event dedicated to addressing emerging challenges and exploring innovative concepts across all domains of electrical and computer engineering. This event will be held during April 25-27, 2027, in Al-Bayda city, Libya. MI-STA 2027 is organized and sponsored by Libyan Authority for Scientific Research and Omar Al-Mukhtar University. The event is technically co-sponsored by the IEEE Libya Sub-Section, IEEE Tunisia Section, IEEE Region 8, the Libya AP/COM Joint Chapter, the Libya CS/SP Joint Chapter, and the Libya IES Chapter.

MI-STA 2027 offers a premier international platform for researchers, professionals, and scholars to present their latest findings, innovative concepts, and practical experiences across various fields, including Automatic Control Applications, Mechatronics, Computer Engineering, Artificial Intelligence, IoT, Computer Technologies, Renewable Energy, Smart Grids, Signal Processing, and Telecommunications. This conference serves as an excellent venue for networking, exchanging knowledge, and fostering collaborations between academia and industry. Attendees will also have the opportunity to experience the rich cultural heritage and natural beauty of Al-Bayda, enhanced by the warmth and hospitality of its residents. MI-STA 2027 technical program will feature a diverse range of sessions, including keynote lectures by renowned experts, regular and invited sessions, tutorial sessions, special sessions, workshops, and exhibitions.

Accepted papers will be submitted for inclusion into IEEE Xplore subject to meeting IEEE Xplore's scope and quality requirements.

The format of the paper must be prepared according to the IEEE template (allotted 6 proceedings pages with the option to pay for up to 2 extra pages). All manuscripts should be written in English and be in 2-column format. The authors are invited to submit the full version of their manuscripts online through the conference website at: www.MISTA-CON.org

TRACKS OF INTEREST INCLUDE, BUT NOT LIMITED TO:**Track 1: Automatic Control Systems**

- Linear / Nonlinear Control System
- Robust and Adaptive Control
- Optimal Control
- System Identification and Validation
- Advanced Intelligent Control
- Mechanical Systems and Instrumentation
- Mechatronics and Embedded Systems
- Robotics & UAV Control

**Track 2: Information Technologies**

- Database and Data Mining
- Algorithms and Computational Science
- Cloud Computing
- Security & Networks
- Health Informatics
- Web and Internet Computing
- Applied Computing
- Distributed and Parallel Computing
- Blockchain & Decentralized Systems
- Computer Graphics and Visualization

**Track 3: Computer Engineering**

- Mobile Computing
- Industry 4.0, IoT, and digital twins
- Software Engineering
- Human Computer Interaction
- Sensing and Sensor Networks
- Artificial Intelligence & Machine Learning
- Modern Computing Paradigms
- Software & Systems Development
- Hardware & Infrastructure
- Applied Computing Technologies
- Systems Modeling and Simulation
- Quantum Computing

**Track 4: Electronics and Communication Engineering**

- Fiber-optic Communication
- Microwaves and antennas
- Circuits & Electronics

- Signal and Image Processing
- Next generation networks
- Wireless/ Mobile Communication
- System on Chip
- MEMS and Nanotechnologies
- Biomedical Engineering Systems
- Wireless Power Transmission

**Track 5: Electric Power Systems**

- Smart Grid
- Renewable Energy Technologies
- Control in Power Electronics
- Power Distribution System
- Power plant operation and control
- Networks and Electrical Machines
- Power Quality
- AI Renewable Forecasting

Important Dates (Regular Submission):

Paper Submission Deadline: **December 15th, 2026**

Acceptance Notification: **February 28th, 2027**

Final Registration Deadline: **March 20th, 2027**

Camera-Ready Submission: **March 30th, 2027**

Conference Dates: **April 25 – 27, 2027**

Email: info@MISTA-CON.org

