

2025 IEEE 22nd International conference on Sciences and Techniques of Automatic control and computer engineering STA'2025

December 26-28, 2025 Hammamet Tunisia

Call for papers

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The 2025 IEEE 22nd International Conference on Sciences and Techniques of Automatic control and Computer Engineering (STA'2025) will be held December 26-28, 2025, in Hammamet, Tunisia. Located in northern Tunisia and known for its jasmine, Hammamet is the main destination for tourists from around the world. The medina dates back to around 1500, when the Hafsidis erected the present walls.

The conference STA'2025 is organized by the laboratory Lab-STA (Sfax, Tunisia) with the participation of several laboratories such as, LETI (Sfax, Tunisia), LSEER (Sfax, Tunisia), CES LAB (Sfax, Tunisia), LIAS (Poitiers, France), MIS (Amiens, France), LIS (Marseille, France), LAAS (Toulouse, France), LISIER (ENSI-Tunis, Tunisia), XLIM (Limoges, France), the Libyan Open University and the University of Valladolid (Spain).

The conference is financially sponsored by the ATTNA Association (Tunisia) and IEEE Tunisia Section. The technical co-sponsorship is IEEE Tunisia Section, IEEE CSS Tunisia Chapter, IEEE SSCS Tunisia Chapter, IEEE CAS Tunisia Chapter, IEEE PES Tunisia Chapter, IEEE SPS Tunisia Chapter and IEEE CRFID. The conference STA is supported by Doctoral School Sciences and Technologies EDST-ENIS and Digital Research Center of Sfax (CRNS).

STA'2025 is intended as an international forum for the effective exchange of knowledge and experience among active researchers in various theoretical and applied areas of automatic control and computer engineering can take place. The participation of engineers and other scientists from industry is particularly welcome. This event will provide an opportunity for researchers and practitioners worldwide to share the latest developments and trends in systems and control. Both theoretical and applied papers are welcome for submission to this event. The conference STA'2025 will have different types of sessions: plenary lectures (given by leading experts in the field), regular oral sessions, invited sessions, etc.

All presented papers will be published in conference proceedings and will be "submitted to IEEE Xplore® — the IEEE Digital Library" as IEEE reserves the right not to publish any proceedings that do not meet IEEE's quality standards.

An exhibition will also be organized for industrial which present their latest advances. Contact the organization co-chairs for details.

Topics

The conference STA'2025 publishes papers on theoretical analysis, experimental studies and applications in the field of automatic control and computer engineering. This conference is, therefore, not only a forum where researchers, scientists and engineers can exchange their knowledge and experience, but also serves as an educational channel for students and others who would like to discuss the latest research and developments, and to learn more about the new trends in this field of study. The Topics of interest include, but are not limited to:

- Artificial Intelligence based Control
- Nonlinear Controls and Applications
- Control of Electrical Vehicles
- Smart computing and control systems
- Advances in Software Engineering
- Automation and Supervision Systems
- Renewable Energy and Smart Grids
- Machine Learning in Control Applications
- Energy management systems
- Electrical Power System
- Energy Conversion Systems
- Networks and Electrical Machines
- Robotics and Automation
- Mechatronics and Instrumentation
- Circuits, Electronics & Microelectronics
- Signal and Image Processing
- TeleCommunication Engineering
- Wireless Sensor Networks
- IoT Networks & Industry 4.0
- Advanced Control Systems
- Modelling of Engineering Systems
- Robust and Adaptive Control
- Control, Automation and Diagnosis
- Fault Tolerant Control Systems
- Control of Fractional Systems
- Smart Cities of Applications
- Software Agents for Intelligent Control Systems

Paper submission

The manuscript to be submitted to the conference should contain sufficient details, including key concepts and novel features of the work. It should include the title, authors, mailing addresses, affiliations, and e-mail addresses. The format of the paper must be prepared according to the instructions given to the authors. All papers must be in English. Authors are invited to submit the full version of their manuscripts online via the conference website STA'2025 at: www.sta-tn.com.

Proposals for Invited Sessions & Special Sessions in related to theme conference STA2025 are also solicited and should be submitted through e-mail to the Invited Session Chairs. Authors that wish to organize an Invited Session should first contact the Invited Session Co-Chairs. Proposals for Tutorials & Workshops should include the session title, list of speakers, and extended abstracts (2000 words) of their presentations. Proposals should be sent by email to the appropriate co-chairs.

Special issues of selected papers will be published in IJ-STA (International Journal of Sciences and Techniques of Automatic control www.sta-tn.com/IJ-STA.htm), JES (Journal of Electrical Systems <http://journal.esrgroups.org/jes/>) and IJAC (International Journal of Automation and Computing <http://www.ijac.net/EN/volumn/home.html>).

Schedule & Deadlines for submission

Regular paper, invited session, and workshop proposals: **September 30th, 2025**
 Notification of acceptance / rejection: **November 15th, 2025**
 Submission of Final Manuscripts: **November 25th, 2025**

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