STA'2008

December 20–22, 2008
Sousse, Tunisia
http://www.sta-tn.com

9th International conference on Sciences and Techniques of Automatic control & computer engineering – STA'2008

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The 9th international conference on Sciences and Techniques of Automatic control and computer engineering (STA'2008) will be held on December 20-22, 2008, in Sousse, Tunisia. Located at the vital center of Tunisia, Sousse is the main destination for tourists from around the world.

The conference STA'2008 is organized by The UCA and UCPI research units (Sfax, Tunisia) with the participation of the LAII laboratory (Poitiers, France) and the LAAS-CNRS laboratory (Toulouse, France), and with the support of the ATTNA association (Tunisia).

The conference STA'2008 is intended as an international forum where an effective exchange of knowledge and experience amongst active researchers in various theoretical and applied areas of automatic control and computer engineering can take place. Participation of engineers and other scientists from industry is particularly welcome. This event will provide the opportunity for worldwide researchers and practitioners to share together the latest developments and new trends in systems and control. Both theoretical and applied papers are welcomed for submission to this event. Keynote speeches are to be conducted by well-known experts.

The conference STA'2008 will have three types of sessions: plenary lectures (given by leading experts in the field), regular oral sessions and poster sessions.

An exhibition will also be organized in which automation companies will showcase their latest advancements. Contact the registration and Finance Chair for details.

Topics

The conference STA'2008 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:

Adaptive control	Estimation and prediction	Neural networks
Agricultural processes	Evolutionary computation	Networked systems
Artificial vision	Fault diagnosis systems	Non-linear systems
Automotive control	Fault-tolerant systems	Optimal control
Biomedical control systems	Fuzzy systems	Power systems control
Biotechnological processes	Hybrid systems	Process control
Communication systems	Image processing	Predictive control
Control architectures	Industrial automation	Real-time control
Digital and analogue control	Industrial networking	Robotics
Discrete-event systems	Intelligent control systems	Robust control
Distributed systems	Large-scale systems	Sensors and actuators
Decentralized control	Manufacturing systems	Signal processing
Education and training	Measurement engineering	Smart structures control
Electrical machines	Mechatronics	Stochastic systems
Electrical networks	Modeling and simulation	Supervision systems
Embedded systems	Multivariable systems	System identification

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, fax numbers and e-mail addresses. The format of the paper must be prepared according to the given author instructions. All papers must be written in English. The authors are invited to submit the full version of their manuscripts online through the conference STA'2008 web site at: http://www.sta-tn.com.

Invited Sessions: Proposals for Invited Sessions in related areas are also solicited and should be submitted through e-mail to the Invited Session Chairs. Authors that wish to organize an Invited Section should first contact the Invited Session Chairs.

Tutorials and Workshops: Proposals for Tutorials and Workshops should contain the title of the session, the list of speakers, and extended summaries (2000 words) of their presentations. Proposals must be sent by e-mail to the corresponding Chairs.

Publication in IJ-STA: Normal and Invited Sessions papers will be further screened for possible publication in the International Journal of Sciences and Techniques of Automatic control IJ-STA (http://www.sta-tn.com/IJ-STA.htm).

Important Dates

September 1st, 2008:	Submission deadlines for contributed papers, invited session proposals, Tutorial / Workshop proposals.
October 20, 2008:	Notification of Acceptance/Rejection.
November 10, 2008:	Final, Ready Papers.
December 20-22, 2008:	Conference STA'2008.

Registration frees

University public: 350 € ∗ Academic from the Maghreg Union: 300 € ∗ Industrial: 400 € The registration fees include the proceedings and the hotel accommodation.