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The 15th International conference on Sciences and Techniques Automatic control and computer engineering

STA'2014
December 21-23, 2014 Hammamet, Tunisia

The 15th international conference on Sciences and Techniques of Automatic control and computer engineering (**STA'2014**) will be held on December 21-23, 2014, in Hammamet, Tunisia. Located at the vital north of Tunisia, Hammamet is the main destination for tourists from around the world. Hammamet is particularly known for jasmine. The medina dates back to around 1500, when the Hafsids erected the present walls. The site had earlier been an Aghlabid stronghold.

The conference **STA'2014** is organized by the Laboratory Lab-STA (Sfax, Tunisia) with the participation of several Laboratories such as, LIAS (Poitiers, France), CREsTIC (Reims, France), MIS (Amiens, France), LSIS (Marseille, France), LAAS (Toulouse, France) and the University of Valladolid (Spain). The conference is financially supported by the ATTNA association (Tunisia) and technical Co-sponsorship IEEE Tunisia Section.

STA'2014 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 trends in systems and control. Both theoretical and applied papers are welcome for submission to this event. Keynote speeches are to be conducted by experts.

The conference **STA'2014** will have different types of sessions: plenary lectures (given by leading experts in the field), regular oral sessions, invited sessions, etc.

Accepted and presented papers will be published in **IEEE Xplore** DIGITAL LIBRARY

An exhibition will also be organized in which automation companies present their latest advancements. Contact the organization Co-Chairs for details.

Topics
The conference **STA'2014** 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:

- Analysis & automatic Control of Systems
- Fractional-order Systems and Controls
- Modelling & simulation of Robotic Systems
- Artificial Neural Networks
- Adaptive Systems and Control
- Biomedical Signal Processing & control
- Circuits, Electronics & Micro-electronics
- Control and Embedded Systems
- Diagnosis of Electrical Machines

- Diagnosis and Fault tolerant Control
- Control of Electrical Vehicles
- Control of Robotic Systems
- Description and System Identification
- Industrial and Agricultural Applications
- Imagery and Form Recognition
- Imagery, Robotics and Mechatronics
- Mobile Robots and Navigation
- Networks and Electrical Machines

- Management of Energy Systems
- Neuro Fuzzy Controllers
- Power Electronics and Control
- Robust and Adaptive Control
- Renewable Energy Conversion
- Supervision and Intelligent Systems
- Sliding Mode Control
- Stochastic Systems and Control
- TeleCommunication Engineering

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 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'2014** web site at: **www.sta-tn.com**.

Proposals for **Invited Sessions** & **Special 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 Session should first contact the Invited Session Co-Chairs.

Proposals for **Tutorials** & **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 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.shtml)

Schedule & Deadlines for submission
Regular paper, invited session, tutorials and workshop proposals:	September 30th, 2014
Notification of acceptance / rejection:	October 30th, 2014
Submission of Final Manuscripts:	November 15th, 2014

STA'2014, ENIS, BP 1173, 3038 Sfax, Tunisia, **Phone: (+216) 74 274 088   Fax. : (+216) 74 275 595**
Emails: contact@sta-tn.com; maherkharrat@yahoo.fr; abidhafedh.sta@gmail.com