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The 13th international conference on Sciences and Techniques of Automatic control and computer engineering (STA'2012) will be held on December 17-19, 2012, in Monastir, Tunisia. Opening on the Mediterranean, Monastir profits from a privileged central position within the great area of the Tunisian Sahel.

The conference STA'2012 is organized by Laboratory Lab-STA (Sfax, Tunisia) with the participation of the Laboratory LIAS (Poitiers, France) the CREStIC laboratory (Reims, France), the MIS laboratory (Amiens, France) and the University of Valladolid (Spain) and with the support of the ATTNA association (Tunisia).

The conference STA'2012 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 experts.

The conference STA'2012 will have different types of sessions: plenary lectures (given by leading experts in the field), regular oral sessions, invited sessions, ...

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

Topics

The conference STA'2012 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:

- Supervision and Intelligent Systems (SIS)
- Imagery, Robotics and Mechatronics (IRM)
- Industrial and Agricultural Applications (IAA)
- Control of Robotic Systems (CRS)
- Control of Electrical Vehicles (CEV)
- Control of Agricultural Processes (CAP)
- Diagnosis and Electrical Machines (DEM)
- Imagery and Form Recognition (IFR)
- Adaptive Systems and Controls (ASC)
- Renewable Energy Conversion (REC)
- Embedded Control System (ECS)
- TeleCommunication Engineering (TCE)
- Neuro Fuzzy Controllers (NFC)
- Analysis and automatic Control of Systems (ACS)
- Description and System Identification (DSI)
- Diagnosis and Fault Tolerant Control (DFC)
- Artificial Neural Networks (ANN)
- Mobile Robots and Navigation (MRN)
- Biomedical Signal Processing and control (BSP)
- Power Electronics and Control (PEC)
- Stochastic Systems and Control (SSC)
- Robust and Adaptive Control (RAC)
- Modelling and Simulation of Robotic Systems (MRS)
- Circuits, Electronics and Micro-electronics (CEM)

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'2012 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 Session should first contact the Invited Session Co-Chairs.

Tutorials: Proposals for Tutorials 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.

Workshops: Proposals for 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.

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>).

Schedule & Deadlines for submission

Contributed paper, invited session, tutorials and workshop proposals:

October 15, 2012

Notification of acceptance / rejection:

November 05, 2012

Submission of Final Manuscripts:

November 15, 2012

Registration fees

* Academic from Tunisia: 400^{DT}

* Academic from the Maghreb Union: 300 €

* Industrial: 500^{DT}

* Academic from other countries: 400 €

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