

13th AST Argentine Symposium on Technology

To be held within

41th JAIHO. UNLP, La Plata.

August 27, 28 and 29, 2012.

Introduction

AST, the Argentine Symposium on Technology, provides an open forum for researchers and developers from industry and academia worldwide where they can present and discuss their research on computing technology and its applications.

Topics of Interest

In AST 2012 we expect to stress the theoretical and applied research results on the general area of Computer and Sensor Networks, Imaging and Multimedia Applications and Signal Processing. The topics of interest in AST 2012 include but are not limited to:

- Digital Image and Video Processing
- HDTV Applications
- Multimedia Applications
- Scientific Visualization
- Virtual and Augmented Reality
- Computer Vision
- Human-computer interaction. Virtual set environments
- Remote Sensing and Teledetection
- Multi-sensor Imaging and Sensor Fusion
- Wired and Wireless Networks
- Network Performance
- Computer and Sensor networks
- Information and Communication Theory
- Digital Signal Processing
- Automatic Speech Recognition, Speech Synthesis
- Affective Computing
- Identification and Estimation
- System Modelling and Simulation
- Linear and Nonlinear Systems
- Biomedical engineering
- Bioinformatics
- Medical Imaging
- Embedded systems. FPGA and DSP implementations
- Embedded Systems
- Robotics

Program Co-Chairs

- Luis Marrone – UNLP – La Plata
- Leandro Di Persia – UNL - CONICET

Program Committee (preliminary)

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- Mg. Antonio Castro Lechtaler (UBA)
- Dr. Ing. Ignacio Alvarez Hamelin (UBA)
- Mg. Reinaldo Scappini(UTN)
- Mg. Ulises Rapallini(Universidad Autónoma de Entre Ríos)
- Mg. Matías Robles (UNLP)
- Ing. Roberto Vignoni (UNLP)

Paper Submission

AST 2012 seeks original contributions, ranging from state-of-the-art academic research to industrial and business applications having a significant impact. The symposium will consist of invited talks and regular paper sessions presenting both mature work and new ideas in theoretical research and applications. Submissions are due before April 30th, 2011. All papers will be peer-reviewed by at least two reviewers. The submission of manuscripts must follow the format available at:

<http://www.springer.de/comp/lncs/authors.html>.

The page limit for a full paper is 12 pages, in A4 format. All contributions should be submitted in PDF format. The papers should not include any running head or page numbering. For diffusion reasons, papers in English are strongly recommended although Spanish and Portuguese are also acceptable. Information on the format of the final copy will be forwarded with the acceptance letter. Each accepted paper should be presented in the symposium, and the presenter must be registered in the conference. Papers that do not fulfill this requirement will not be included in the Symposium Proceedings.

All the symposia at 4IJAIIO use SADIO's conference management system to handle submissions. To upload your contribution you first need to register and sign in. The web page of the symposia provide detailed instructions about registration and submission, direct access to the user registration form, and direct access to the submission form.

Activities

Besides the regular paper sessions, there are three other activities to be held during AST2012. On the first day, Dr. Jacob Scharcanski, from Universidad Federal do Rio Grande do Sul, will present the conference “Image-based porous media modeling and analysis: interpretation of stochastic data “, sponsored by the IEEE Distinguished Lecturer Program.

The second day a Discussion Panel on the subject “New Network Technologies and Services” will be held. The panel will be composed by Ing. Marcelo Cohen, Senior Manager, Architecture & Technology Level 3, Latam, Christian O’Flaherty, Internet Regional Development - Latin America and The Caribbean, ISOC and Ing. Claudio Felizia, Sr. Regional Manager, CCIE, Services Providers LATAM South Cisco.

Finally, the third day will be dedicated to a workshop on “Mobility in IPv6 Wireless Networks”, taught by Mg. Matías Robles and Lic. Andrés Barbieri.

Important Dates

- April 30th, 2012: Deadline for papers submissions.
- June 11th, 2012: Notification of Acceptance/Rejection
- June 25th, 2012: Deadline for final submissions.

Contact

For further information, please contact:

ast@41jaiio.org.ar

or refer to the website of JAIIO:

<http://www.41jaiio.org.ar/>