

12th AST Argentine Symposium on Technology

To be held within

40th JAIIO. UTN, Córdoba.

August 29 and 30, 2011.

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 2011 we expect to stress the theoretical and applied research results on the general area of dynamic systems, computing science and imaging science and technology. The topics of interest in AST 2011 include but are not limited to:

- Computer and sensor networks
- Image and video coding and streaming. HDTV applications
- Image and video applications in embedded systems
- Multi-view and 3D video and image capture and processing
- Interactive broadcasting
- Control systems and robotics
- System modeling and simulation
- Signal and image processing
- Biomedical engineering
- Multi-sensor imaging and fusion
- Geographical information systems
- Remote sensing and teledetection
- Multimedia applications
- Human-computer interaction. Virtual set environments
- Digital contents generation and management
- Video games
- Haptic interfaces
- Embedded systems. FPGA and DSP implementations
- Hardware architectures
- Real-time computing
- Computer-aided design/manufacturing
- Computer architectures. Parallel computing

Program Co-Chairs

- Luis R. Canali - UTN Córdoba
- Leonardo Giovanini – UNL - CONICET

Program Committee (preliminary)

- Prof. Dr. Oscar E. Bustos. (FAMAF, UN Córdoba.)

- Prof. Dr. Ing. Oscar Nasisi (INAUT, UNSJ)
- Prof. Dr. Ing. Eduardo Destéfanis (UTN Córdoba)
- Prof. Dra. Georgina Flesia (CONICET, UTN Córdoba)
- Prof. Dr. Pedro D'Argenio (FAMAF, UN Cba)
- Prof. Dr.-Ing. Reihard Klette (University of Auckland)
- Prof. Dr. Ing. Eduardo Romero (UTN Villa Maria)
- Prof. Dr. Ing. Carlos Muravchik (UNLP)
- Prof. Dr. Bill Leithad (University of Strathclyde, UK)
- Dr. Leandro Di Persia (CONICET, UNL)
- Prof. Ing. Norberto Lerendegui (ITBA)
- Dr. Mario Mastriani (GIIT-ANSES)

Paper Submission

AST 2011 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 May 2nd, 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. Extended abstracts describing novel research visions, work-in-progress or less mature results are also welcome, with a limit of 4 pages. All contributions should be submitted in PDF format. 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.

Important Dates

- May 16th, 2011: Deadline for papers submissions.
- June 19th, 2011: Notification of Acceptance/Rejection
- June 27th, 2011: Deadline for final submissions.

Contact

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or refer to the website of JAIIO:

<http://www.40jaiio.org.ar/ast>