



IADAT – aci2010

3rd International Conference on Automation, Control and Instrumentation
Tenerife (Canary Islands - SPAIN), April 7-9, 2010

Call For Papers

Announcement

IADAT-aci2010 Conference is organized by the International Association for the Development of Advances in Technology - IADAT. The Third IADAT Conference on Automation, Control and Instrumentation will be focused on "Innovation, Technology and Research". This Conference will be held in Puerto de la Cruz - Tenerife (Canary Islands- SPAIN) from 7th April to 9th April 2010.

The Third IADAT-aci2010 Conference will be held as part of the International MultiConference in Computer Science and Engineering. The 2010 IADAT multi-conference is composed of four major events. All these events will be held simultaneously at the same place.

Main Purpose

In order to achieve IADAT main objectives, namely "to bring together Universities, Research Institution and Industry, and also to promote collaboration and foster cooperation", IADAT organizes this Conference.

The main goal of the IADAT-aci2010 Conference is to provide an international forum for researchers, professors, educational scientist and technologists in all areas of Automation, Control and Instrumentation. This conference will offer an excellent opportunity to present, demonstrate and discuss research, development, applications, and the latest innovation and results in Education and Industry field.

Important Dates

Abstract Submission Deadline	January 23, 2010
Notification of Acceptance/Rejection	February 1, 2010
Final Paper Submission	March 31, 2010
Registration Deadline	March 31, 2010
Conference Dates	Tenerife (SPAIN), April 7-9, 2010

Notification of acceptance/rejection of submitted summaries will be sent via e-mail by February 1, 2010.

Papers

The Scientific Committee welcomes the submission of summaries or extended paper abstracts to the IADAT-aci2010 Conference. Authors are invited to submit an summary in English, and should be a maximum of 3 - A4 size pages long, including figures and diagrams. Submissions will be made online at the Conference Web Site

Presentation

Authors are invited to submit original papers for Conference presentations on either of the following categories: Academic Papers, Poster, Tutorial, and Industrial Papers and Applications.

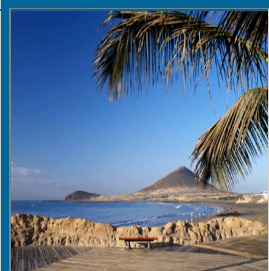
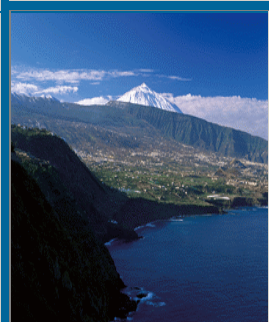
All accepted papers will be published in the printed Proceedings Books (with ISBN), and each paper will be included in the conference programme and published in the Conference Proceedings on CDROM.



Scope and Topics

The scope of the Conference includes, but is not limited to the followings topics:

Automation	Control
Motion Actuators	Control Theory
Electric Actuators: Linear and Rotary	Modern and Advanced Strategies
Fluid Power Actuators: Linear and Rotary	Fuzzy Systems
Sensors and Switching Theory	Neural Networks Systems
Electric Ladders Diagrams	Genetic Algorithms
Sequential Systems	Intelligent Systems
Grafcet Methods	Linear Systems
Manipulation and Material Handling	Non-linear Systems
Manufacturing Processes	Predictive Control
Manufacturing Systems	Adaptive and Learning Control
Monitoring	Optimal Control
Transportation	Stochastic Control
Flexible Automation	Hybrid Systems
Assembly/Disassembly Automation	Robust Control
Programmable Logic Controllers - PLC	Distributed Control Systems
IEC 61131-3 Standard	Control Applications
PC vs PLC Automation	Parallel Systems
Industrial Communications	Decentralized Control
Industrial Networks	PID Control
Vehicle Automation	Modelling of Systems
Pneumatic Control Circuits	Process Control
Flexible Automation Microcomputers	Simulations
Advanced Automation technology	Industrial Control
Software Test Automation	Real Time Control
Numerical Control	Control Architectures
Education Automation	Control Applications
Industrial Automation	Control Education
Web-Based Automation	Emerging Technologies
The future of Automation Technology, ...	Software Applications,...
Instrumentation Technologies	Robotics Engineering Systems
Instrumentation Fundamentals	Modelling, analysis and simulation
Data Acquisition	Human-Robot Interaction
Data Communications for Instrumentation	Industrial Applications,
Virtual Instrumentation	Robotics and Education, ...
Instrumentations Systems	Measurement Technologies
Safety and Calibration of Instruments	Electrical/Electronic/ Measurement
Standards	Mechanical/Thermal/Radiation Measurements
Testing and Diagnosis of Systems	Sensors, Intelligent Instruments
Laboratory Instrumentation, ...	Software tools for Instruments, ...
University-Industry Collaboration	Research and Projects
Collaborative Learning and Work	Research on Technology in Education/Industry
Collaboration Projects	Research on Innovation in Education/Industry



University-Industry Partnership	Research Methodologies
Industry and University Programs	Academic Research Projects
University/Industry Experiences	International Projects

Contribution to the below topics will be given higher priority

Instructions For Authors

Abstracts shall be structured according to the Formatting Guideliness for Authors available in the Author Site option. The Author_Site document contains a complete help for the Authors, which includes the formatting guidelines for paper submission and a detailed description in order to improve the presentation of papers at the Conference.

Registration

The registration fees include:

- Admission to all sessions
- A printed copy of the Conference Programme
- A printed copy of the Conference Proceedings Book
- A CD-ROM copy of the proceedings
- Coffee breaks
- Conference Banquet dinner

Registration Fees	
Full Registration (Conference Dinner included)	500 €
Student Registration	150 €
Conference (One day registration)	300 €
IADAT Members (Before January 1st, 2009)	150 €

In order to receive a copy of the Conference Proceedings, authors are requested to personally attend the conference and present the accepted paper or poster.

Tourism in Tenerife (Canary Islands – Spain)

IADAT-aci2010 International Conference provide an unique opportunity to the participants for visiting Tenerife and discovering Canary Islands.

Further Information

Should you require any further information or clarification on any of the points mentioned in the Web page, please contact:

Conference Secretary
secretariat@iadat.org

