

**The 29th IASTED International
Conference on Modelling, Identification
and Control ~MIC 2010~**

Event Contact Info

When:

February 15, 2010

Where:

Congress Innsbruck GmbH

3 Rennweg

Innsbruck, A-6020

Notes

PLEASE CHECK <http://www.iasted.org/> FOR UPDATES...

CALL FOR PAPERS

The 29th IASTED International Conference on

Modelling, Identification and Control

~MIC 2010~

February 15 – 17, 2010

Innsbruck, Austria

SPONSOR

The International Association of Science and Technology for Development (IASTED)

PURPOSE

This conference provides an opportunity for prominent international specialists, researchers, and engineers to present and observe the latest research, results, and ideas in the areas of modelling, identification, and control. MIC 2010 aims to strengthen relations between industry, research laboratories and universities.

All papers submitted to this conference will be double-blind peer reviewed by at least two members of the International Program Committee and related technical committees. Acceptance will be based primarily on originality, significance, technical soundness, presentation, and references. The conference chair makes the final decision on the acceptance or rejection of the paper.

MIC 2010 will be held in conjunction with the IASTED International Conferences on:

* Artificial Intelligence and Applications (AIA 2010)

* Parallel and Distributed Computing and Networks (PDCN 2010)

- * Software Engineering (SE 2010)
- * Signal Processing, Pattern Recognition and Applications (SPPRA 2010)
- * Computer Graphics and Imaging (CGIM 2010)
- * Biomedical Engineering (BioMed 2010)

LOCATION

Innsbruck is nestled in the valley of the Inn River and tucked between the Austrian Alps and the Tuxer mountain range. It has twice hosted the Winter Olympics and is surrounded by the eight ski regions of the Olympic Ski World, including the Stubai Glacier, which offers skiing year round. Climbing the 14th century Stadtturm on Herzog Friedrich Strasse provides a stunning view of the town and the breathtaking scenery that surrounds it. Concerts at Ambras Castle provide listening pleasure in a beautiful renaissance setting. The sturdy medieval houses and sidewalk caf  s of Old Town Innsbruck beckon you to sit for a while and watch people stroll by. With its unique blend of historical, intellectual, and recreational pursuits, Innsbruck offers something for every visitor. MIC 2010 will be held at the world-famous Congress Innsbruck, located in the heart of the city, near the historical quarter.

SCOPE

The topics of interest include, but are not limited to:

Modelling

- * Model Development
- * Bond Graph Modelling
- * Statistical and Probabilistic Modelling
- * Numerical Methods
- * System Theory
- * 3-Dimensional Modelling
- * Continuous and Discrete Methodology
- * Simulation
- * Time Series Analysis

- * Multi-Paradigm Modelling
- * Environmental Modelling
- * Energy and Power Systems Modelling
- * Mechanical Modelling
- * Modelling of Robots and Mechatronic Devices
- * Finite Element Modelling
- * Performance Modelling

Identification

- * Estimation
- * Filtering
- * Parametric Identification
- * Non-Parametric Identification
- * Structural Identification
- * Validation

Control

- * Control Theory
- * Linear Control
- * Non-Linear Control
- * Optimization
- * Intelligent Control
- * Adaptive Control
- * Predictive Control

- * Fuzzy Control
- * Stochastic Control
- * Process Control
- * PID Control
- * Robust Control
- * Variable Structure Control
- * Discrete Events
- * Stability
- * Control using Neural Networks
- * Computer Control
- * Robot Control
- * Distributed Parameter Control Systems

INTERNATIONAL PROGRAM COMMITTEE

To be announced.

If you are interested in joining the International Program Committee (IPC) for this conference, please submit your name, address, phone, fax, email, areas of specialty, a list of your most recent publications, a brief CV, and the name of this conference by email to calgary@iasted.org.

SUBMISSION

Initial Papers

Submit your paper via our website at: www.iasted.org/conferences/submit-675.html.

All submissions should be in Adobe Acrobat (.pdf) format. The IASTED Secretariat must receive your paper by September 15, 2009. Receipt of paper submission will be confirmed by email.

Complete the online initial paper submission form designating an author who will attend the conference and provide four key words to indicate the subject area of your paper. At least one of the key words must be taken from the list of topics provided under Scope. Initial paper submissions should be full papers with approximately six pages. Formatting instructions are available at: www.iasted.org/formatting-initial.htm.

All papers submitted to this conference will be double blind reviewed by at least two reviewers. Acceptance will be based primarily on originality and contribution.

All papers submitted to IASTED conferences must be previously unpublished and may not be considered for publication elsewhere at any time during IASTED's review period. Authors are limited to a maximum of three paper submissions. Authors are responsible for having their papers checked for style and grammar prior to submission to IASTED. Papers may be rejected if the language is not satisfactory.

Notification of acceptance will be sent via email by November 1, 2009. Final manuscripts are due by November 15, 2009. Registration and final payment are due by December 1, 2009. Late registration fees or paper submissions will result in the papers being excluded from the conference proceedings.

Final Papers

Send your final manuscripts via email to: finalpapers@iasted.org. The subject line for the final manuscript submission must include your six-digit paper number. The formatting instructions can be found at: www.iasted.org/formatting-final.htm and must be strictly followed. The page limit for final papers is six single-spaced pages in 10 point Times New Roman font. Only one paper of up to six pages is included in the regular registration fee. There will be an added charge for extra pages and additional papers.

TUTORIALS

Proposals for three-hour tutorials should be submitted online by September 15, 2009. Tutorials are to be submitted via the following website address:

www.iasted.org/conferences/tutorialsubmit-675.html.

A tutorial proposal should clearly indicate the topic, background knowledge expected of the participants, objectives, time allocations for the major course topics, and the qualifications of the instructor(s).

Persons wishing to organize a special session should email a proposal to calgary@iasted.org by September 15, 2009. Proposals should include a session title, a list of the topics covered, and the qualifications and brief biography of the session organizer(s). Papers submitted to the special session must be received by September 15, 2009, unless otherwise stipulated by the Special Session Organizer. A minimum of five papers must be registered and fully paid in order for this session to be included in the conference program. More information on special sessions is available at:

www.iasted.org/conferences/specialsession-675.html.

JOURNALS

Expanded and enhanced versions of papers published in the conference proceedings can also be considered for inclusion in one of the IASTED journals. Information on the submission of papers to journals is available at: www.actapress.com/SubmissionInfo.aspx.

Whole proceedings as well as single papers can now be purchased online. Please visit ACTA Press:

<http://www.actapress.com/>.

IMPORTANT DEADLINES