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Categories of Presentation:

- Panel Discussions
- Regular, Invited/Special Sessions
- Regular and short papers
- Posters
- Tutorials

DEADLINES

Abstract Submission: Immediately
Full Draft Submission: May 21, 2005
Acceptance Notification: June 17, 2005
Final Submission: July 7, 2005

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Call for Papers

Sponsored by [I M CS](#) and [SCS](#), [IMAACA 2005](#) will be held jointly with several other international conferences (CSM, [HMS](#), NEMO) as part of [I3M 2005](#), running for the first time this year co-located with [ESS2005](#).

Objectives and Scope

[IMAACA 2005](#) will bring experts together for the purpose of presenting and discussing all type of application relevant control and automation problems emphasizing the role of model analysis as integral part of the complete design of the automated system. Particularly, it will focus on new concepts, methods, techniques, and tools conceived in order to support an integrative interplay of modeling, identification, simulation, system analysis and control theory in all the stages of system design.

Topics

Continuous and Hybrid Systems, Lumped and Distributed Parameter Systems, Switched Systems, Qualitative Modeling, Bond Graph Modeling, Mathematical Modeling and Numerical Methods, Neural Networks, Fuzzy Systems, Nonlinear Systems, Large Scale Systems, Order Reduction and Model Simplification, System Identification, Adaptive Control, Expert Systems, Industrial Applications of Advanced Control, Intelligent Control, Multivariable Control, Nonlinear Control, Robust Control, Networked Control Systems, Fault Detection, Process Supervision, Software and Tools, Computer-aided Design, Education.

Application Areas

Aeronautics and Astronautics, Agroindustries, Automation, Biomechanics and Prosthetics, Biomedical Engineering, Car Industry, Chemical Engineering and Process Control, Electrical and Power Systems, Electrical Drives, Environmental Systems, Food Industry, Integrated Manufacturing, Marine and Off-Shore Control, Mechatronics, Production Industry, Power Electronic Systems, Robotics and Mechanical Systems, Textile Industry, Transportation Systems.

Submission

All submissions are to be made electronically to the conference chairs E-mail addresses: gdt@ec-lille.fr , sjunco@fceia.unr.edu.ar

Paper Submissions: Only original papers written in English will be considered on the basis of a **full paper revision**. After a first review by the two Chairs for general suitability to the conference, each full paper will be reviewed by members of the IPC. Please send drafts of about 12-17 pages, double-spaced, pdf or ps format. Attach a file specifying "IMAACA 2005", and stating author's names, affiliations, mail addresses, telephone and FAX numbers, and E-mail addresses.

Special and Invited Sessions: Please mail to the organizers for more information.

- **BG** "[Bond Graph Methods for Dynamical Systems](#)", SpS organized by [Christophe Sueur](#)
- **FDI** "[Fault Detection and Isolation in Industrial Processes](#)", SpS organized by [B. Ould Bouamama](#)
- **CCS** "[Advanced Control for Continuous Systems](#)", InvS organized by [Dumitru Popescu](#)
- **FDV** "Modeling and Fault Diagnosis in Vehicles", InvS organized by [Mustapha Ouladsine](#) and [Nacer M'Sirdi](#)
- **NUC** "[System Modeling, Simulation and Control in Nuclear Engineering](#)", SpS organized by [Jorge L. Baliño](#) and [Marco Ricotti](#)
- **NCS** "[Network Control and Network Controlled Systems](#)", SpS organized by [Françoise Simonot-Lion](#)
- **MEC** "[Mathematical Modelling and Numerical Methods Applied to Mechanical Systems](#)", SpS organized by [Norberto Nigro](#)

If you want to propose a special or an invited session, or a tutorial, please contact the conference chairs at gdt@ec-lille.fr , sjunco@fceia.unr.edu.ar.