

Dear Colleague,

The International Conference on “*Integrated Modeling and Analysis in Applied Control and Automation*”, [IMAACA2004](#), will be held on **October 2004 in Genoa, Italy**, as part of [I3M2004](#), “*The 1st International Mediterranean Modeling Multiconference*”. These scientific events are sponsored by [I_M_CS](#), the International Mediterranean Council of Simulation, and [SCS International](#), the Society for Modeling and Simulation, San Diego, USA.

In this framework, we are pleased to organize a **session** dealing with:

“System modeling, simulation and control in nuclear engineering”

Nuclear power is a strong component of the overall energy mix. Nuclear engineering systems are characterized by a coupling of subsystems of different energy domains. Besides the implementation of the advances in the existent powerplants and mainly because of safety concerns, the nuclear industry has been developing a new generation, or “evolutionary”, commercial powerplants, some of which have “inherently safe” characteristics. This special session will focus on new concepts, methods and techniques on modeling, identification, simulation, system analysis and control theory applied to nuclear power systems.

We hope that such a session will interest you.

Please send **an abstract** in PDF format **before February 06, 2004** to jlbalino@ipen.br

The full paper is to be sent before March 05, 2004 as drafts 12-17 pages, double-spaced, PDF or PS format. **Attach** a file specifying "IMAACA 2004", and stating author's names, affiliations, mail addresses, telephone and FAX numbers, and E-mail addresses.

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.

The accepted papers will be published in the Conference Proceedings edited by SCS, the Society for Modeling and Simulation International (www.scs.org). The best papers will be considered for publication in special issues on technical journals.

DEADLINES are:

- February 06, 2004: Abstract submission
- March 05, 2004 : Full Paper Submission
- April 23, 2004: Notification Acceptance
- July 01, 2004: Final Submission

Hoping to meet you in Genoa, an important and most interesting city in the wonderful framework on the Italian Riviera, please receive my best regards.

Sincerely yours.

Jorge Luis Baliño
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