IMAACA 2004 Conference

The International Conference on Integrated Modeling and Analysis in Applied Control and Automation
Part of **I3M**: International Mediterranean Modeling Multiconference, Genoa, Italy, 28-31 October 2004

Special Session: **Control Systems and Optimization**

Topics covered: Adaptive Control, Process Supervision, Industrial Applications of Advanced Control.

Organizers:
Prof. Jacques Lottin, Université de Savoie, ESIA, LISTIC Research Laboratory
(jacques.lottin@esia.univ-savoie.fr)
Prof. Dumitru Popescu, Politechnica University of Bucharest, Automatic and Computer Science
Faculty, APCC Research Center (dpopescu@indinf.pub.ro)

If you are interested in contributing a paper to this special session, please send **an abstract** in PDF format to the session organizers ~~before January 16, 2004.~~ Extended to February 06, 2004.

Further DEADLINES of the conference are:
- February 06, 2004:   Tutorial Proposal
- March 05, 2004 :   Full Paper Submission
- April 23, 2004:   Notification Acceptance
- July 01, 2004:   Final Submission

Control Systems and Optimization

This session will address topics from the fields of Process Control and Systems Optimization and will focus on new adaptive, optimal and fuzzy control and supervision used for linear and nonlinear, as well as time-delay, complex processes in order to assure improved performance.

Papers dealing with interactive connections between identification, control and supervision will be welcome. Reports on real applications presenting solutions in simulation and in real-time control of industrial processes will receive special attention.

The session will be organized such as to maintain the unity and coherency of the lectures and to assure a high scientific level according to the conferences standards.

Brief Biography of the session organizers

Jacques Lottin obtained his D.Sc. in 1976, in Mechanical Engineering and his Ph D. in 1979, in Airspace Control. Currently, Dr. Lottin is a professor of Automatic Control and Industrial Informatics at the University of Savoie (ESIA, Ecole Supérieure d'Ingenieurs d'Annecy, France). He is vice-director of the research laboratory-LAMII, the coordinator of research group in Nonlinear Control Systems and director of doctoral research training in the same domain. His field of activities includes also Mecatronics and Open Distance Learning Systems.

He organized three Summer Schools in Advanced Control, in Romania (2000-2003) and his research activities includes more than 100 publications, as author or co-author.

Dumitru Popescu is professor at Politechnica University of Bucharest, Romania, Department of Automatic control.

He obtained his D.Sc. in 1966 in Electronics and Telecommunications and his Ph.D. in Automatic Control, in 1979. He is teaching at Department of Automatic Control on Advanced Control and Industrial Process Control, and is director of doctoral research training in Automatic Control, and director of research center on Automatics, Process Control and Computers (APCC) from Politechnica University of Bucharest. His major research fields are identification and control of continuous systems, real time process control and optimization.

He is in charge of national and international programs, projects and conferences (ERASMUS, IFAC, IMACS, CIFA, CESA). He is also senior member of IEEE and member of the IFAC TC-Biologic Process Control and of the editorial board of some national and international journals in Automatic Control and Informatics.