



ISIAC 2012



Puerto Vallarta, Mexico
24 – 28 June 2012

World Automation Congress (WAC) 2012 9th International Symposium on Intelligent Automation and Control (ISIAC)

24 – 28 June 2012 Puerto Vallarta, Mexico

The International Symposium on Intelligent Automation and Control (ISIAC) is one of the five WAC symposia and brings together researchers, developers and users from multiple disciplines to share their knowledge and expertise in the development and control of automated systems. Topics include:

Actuators and Sensors
Adaptive Systems
Aerospace Applications
Automation Applications
Autonomous Systems
Behavior-Based Control
Computational Intelligence
Computer Vision
Complex Systems
Control Applications
Cybernetics
Decision Systems

Digital Fluid Power
Distributed Systems
E-Learning in Control
Energy Harvesting
Evolutionary Computation
Evolvable Hardware
Expert Systems
Fault Detection
Flexible Manufacturing
Game Player Control
Green Power Systems
High Integrity Systems

Industrial Processes
Knowledge-Based Systems
Medical Applications
Multi-Agent Systems
Network Control
Optimization
Petri Nets
Probabilistic Reasoning
Qualitative Reasoning
Real-Time Games
Reinforcement Learning
Renewable Energy

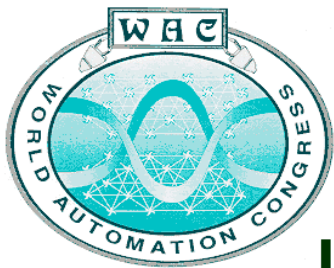
Robotics
Risk Management
Search Techniques
Sensor Fusion
Signal Processing
Soft Computing
Stability Issues
Stochastic Systems
Supervisory Control
System of Systems
System Sustainability
Systems Assurance



WAC 2012 is dedicated to **Nobel Laureate Professor Mario Molina** for his discovering of the [Antarctic ozone hole](#) and his role in elucidating the threat to the Earth's [ozone layer](#) of chlorofluorocarbon gases ([CFCs](#)).

Special Sessions & Regular Papers Due: 15 September 2011.

For paper submission details, see the
WAC 2012 website at <http://wacong.org>



World Automation Congress

24 – 28 June, 2012

Puerto Vallarta, Mexico



9th International Symposium on Intelligent Automation and Control

(ISIAC)

Time Schedule:

Special Sessions & Regular Papers.....	September 15, 2011
Acceptance.....	January 20, 2012
Final Manuscripts.....	March 1, 2012
Early Registration.....	April 1, 2012
Congress.....	June 24-28, 2012

For other information concerning ISIAC 2012, contact chair/co-chairs:

Chair: **Nariman Sepehri**, University of Manitoba, Canada (nariman@cc.umanitoba.ca)

Co-Chairs: **Bernardino Castillo**, CINVESTAV, Guadalajara, Mexico (toledo@gdl.cinvestav.mx)

Emanuele Guglielmino, Italian Institute of Technology, Italy (emanuele.guglielmino@iit.it)

Aldo Pardo Garcia, Universidad de Pamplona, Colombia (apardo13@hotmail.com)

Call for Special Sessions

The goal of special sessions is to provide a focused discussion of new or innovative topics including “Green Energy”. A typical special session is made up of 4 papers. Sessions may be accepted with more or less papers - additional regular papers will be added to form 4 paper sessions. Special session organizers should make every effort to collect at least 4 papers per session. Proposals for sessions should include the session title, organizer(s), and expected number of papers. Please contact the ISIAC chair/co-chairs if you are interested in organizing a special session.