

2012 CALL FOR PAPERS

THE 8TH IEEE INTERNATIONAL SYMPOSIUM ON INSTRUMENTATION AND CONTROL TECHNOLOGY

11-13 JULY 2012
LONDON, UNITED KINGDOM
[HTTP://ISICT.IEEE-IMS.ORG](http://ISICT.IEEE-IMS.ORG)



*Abstract Submission
Deadline*
April, 1, 2012

*Acceptance/Rejection
Notification*
May 1, 2012

*Final Manuscript
Submission
and Registration*
June 1, 2012

The 8th IEEE International Symposium on Instrumentation and Control Technology (ISICT 2012) provides an established forum for scientists and engineers on the field of Instrumentation and Control Technology to meet and exchange information about novel and emergent development, applications in Measurement, Sensors, Instrumentation and Control Technology areas.

Sensors and Instruments

MEMS Sensors
Nanosensors and Instruments
Biosensors/Arrays
Smart sensors and standards (IEEE 1451.X)
Virtual sensors and Instruments

Signal Acquisition, Analysis and Processing

Data Acquisition
Data mining and fusion
Digital Signal Processing
Machine Vision and related

Measurement Theory and Technology

Uncertainty Theories and Applications
Industrial Measurement
Electronic/Biological/Medical Measurement Techniques
On-line Monitoring of Dynamic Processes

Opto-electronics Technology and Instruments

Opto-Electronic Testing
Opto-Electronic Instruments
Modern Optical Instruments
Fiber-Optical Sensors and Technology

Measurement Systems

Automated test & diagnostics systems
Fault-tolerant & resilient measurement systems
Machine Vision
Virtual measurement systems
Bus, Network and Reliability

Control Theory and Automation

Control Theories and Application
Intelligent and Fault Tolerance Control
Integration Technologies of Automatic Test System
Industrial Automation
Decision-making Robot Control

Computer Simulation, Modeling

Modeling & Simulation Technology
Inverse problems & signal reconstruction
Signal detection & classification
Hardware and Software in Simulation
Knowledge Acquisition and Expression

Artificial Intelligence and Expert System

Robot
System Supervision and Maintenance
Intelligent Systems
Soft computing and Software Applications
Pattern Recognition and Identification

Space Exploration

Remote sensing and telemetry
Advanced Navigation Technologies
Inertial instruments
Space Robotics
In-situ measurement
Control of Spacecraft

General Co-Chairs
Wei Huang and Lijun Xu

For further information, please contact:
Lauren Pasquarelli, Conference Catalysts, LLC
Phone: +1 352 872 5544
lauren@conferencecatalysts.com

Please submit to abstracts to
ISICT 2012 through
www.edas.info/

UNIVERSITY OF WESTMINSTER

