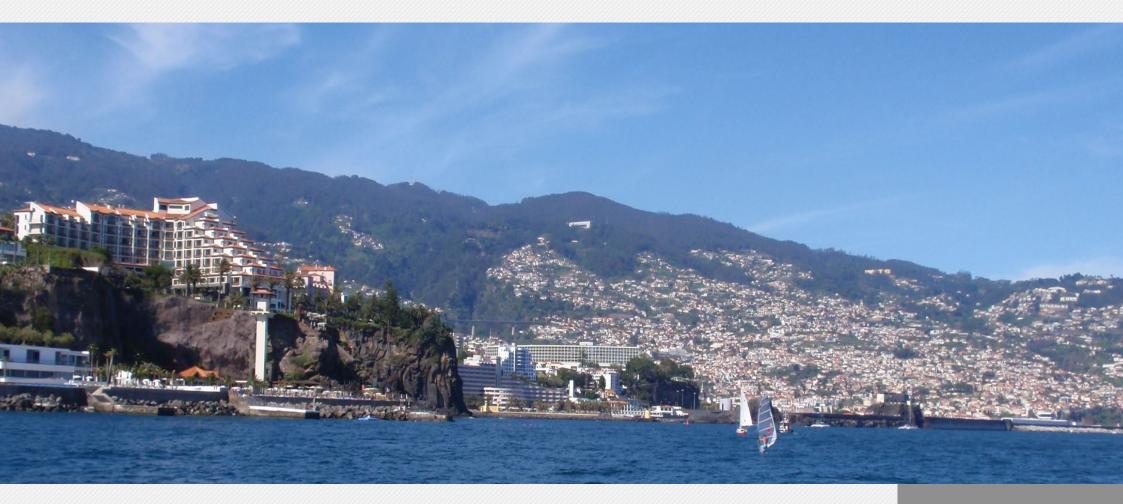
Welcome to the CONTROLO'2012 Conference

http://www.uma.pt/controlo2012

Funchal, Madeira Island, Portugal



10th Portuguese Conference on Automatic Control (CONTROLO'2012) will provide an excellent opportunity for presenting new results and to discuss the latest research and developments in the field of automatic control. Participation of young scientists is strongly encouraged. A reduced registration fee will be available for students.

General areas of interest include, but are not limited to:

- * Adaptive control
- * Aerospace control
- * Agricultural processes
- * Automotive control
- * Behavioral systems
- * Biotechnological and environmental systems
- * Control applications
- * Control architectures
- * Control education
- * Control technology, sensors and actuators
- * Control theory
- * Discrete-event systems
- * Distributed control
- * Emerging control technologies
- * Fault-tolerant control

- * Linear and nonlinear control
- * Manufacturing systems and scheduling
- * Marine control
- * Mechatronics
- * Modelling, simulation and identification
- * Networked Fault Tolerant Control
- * Neural networks
- * Optimal control
- * Process control
- * Real time systems architectures
- * Remote control (web)
- * Remote Laboratories in Control Education
- * Robotics and automation
- * Robust control
- * Sensors

Important dates

Submission
1 March 2012

Notification
1 May 2012

Camera Ready 15 May 2012

Registration **15 May 2012**

Conference 16-18 July 2012

- * Fuzzy and neuro-fuzzy systems
- * Genetic algorithms
- * Hardware for control systems
- * Hybrid systems
- * Industrial automation
- * Industrial networking
- * Instrumentation

- * Smart structures control
- * Stochastic control
- * Transportation systems
- * Wireless Applications
- * Control Teaching
- * Virtual Laboratories
- * Renewable energy

Local Organizing Committee

Morgado Dias Paula Castilho Glória Cravo Dionísio Barros Pedro Campos

Lina Brito Eduardo Marques Nuno Ferreira Tiago Meireles

Publication

The papers that are accepted and presented at the conference will appear in the conference proceedings. Awards and selected journal publication are available for best papers.

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Associação Portuguesa de Controlo Automático

More information on our website or through the e-mail: controlo2012@uma.pt