

# Introduction

The 3rd International Conference on Informatics in Control, Automation and Robotics (ICINCO 2006) was held in Setubal, Portugal, during August 1–5, 2006.

In the program of this conference were included oral presentations (full papers and short papers) and posters, organized in three simultaneous tracks: “Intelligent Control Systems and Optimization”, “Robotics and Automation” and “Systems Modeling, Signal Processing and Control”. Furthermore, ICINCO 2006 included 3 satellite workshops and 7 plenary keynote lectures by internationally recognized researchers.

ICINCO 2006 received 309 paper submissions, not including submissions for the workshops, from more than 50 different countries, in all continents. To evaluate each submission, a double blind paper review was performed by the program committee. The review process has involved a team of 183 academic researchers who are experts in at least one of the conference topic areas. Finally, only 157 papers were accepted for pub-

lication in the proceedings and presentation at the conference; of these, 113 papers were selected for oral presentation (31 full papers and 82 short papers) and 44 papers were accepted for poster presentation. The global acceptance ratio was 51% and the full paper acceptance ratio was 10%.

The authors of the 25 most innovative papers were invited to submit substantially revised, enhanced, and updated versions with additional original computational modeling based on their more recent research for possible publication in this special issue of Integrated Computer-Aided Engineering. Each extended manuscript was then reviewed by 3–8 reviewers. The papers included in this special issue are those that passed the journal’s rigorous review process.

*Joaquim Filipe*

Guest Editor

E-mail: JFilipe@icinco.org