

Preface

This book includes extended and revised versions of a set of selected papers from the 10th International Conference on Informatics in Control Automation and Robotics (ICINCO 2013), held in Reykjavík, Iceland, from 29 to 31 July 2013. The conference was organized into four simultaneous tracks such as Intelligent Control Systems and Optimization, Robotics and Automation, Systems Modelling, Signal Processing and Control and Industrial Engineering, and Production and Management.

ICINCO 2013 received 255 paper submissions, from 50 countries in all continents. From these, after a blind review process, 30 % were published and presented orally, from which 22 papers were selected for inclusion in this book, based on the classifications provided by the Program Committee. The selected papers reflect the interdisciplinary nature of the conference as well as the logic equilibrium of the four tracks mentioned above. The diversity of topics is an important feature of this conference, enabling an overall perception of several important scientific and technological trends. These high-quality standards will be maintained and reinforced at ICINCO 2014, to be held in Vienna, Austria, and in future editions of this conference.

Furthermore, ICINCO 2013 included four plenary keynote lectures given by Luis Paulo Reis (University of Minho, Portugal), Krzysztof Tchon (Wrocław University of Technology, Poland), Klaus Schilling (University Würzburg, Germany), and Libor Kral (Head of Unit, European Commission, DG CONNECT, Unit A2—Robotics, Luxembourg). We would like to express our appreciation to all of them and in particular to those who took the time to contribute to this book with a paper.

On behalf of the conference organizing committee, we would like to thank all participants. First all the authors, whose quality work is the essence of the conference and the members of the Program Committee, who helped us with their valuable expertise and diligence in reviewing the 255 received papers. As we all know, organizing a conference requires the effort of many individuals. We also wish to thank all the members of our organizing committee, whose work and commitment were invaluable. Aiming to provide the potential readers with an

objective overview of the latest advances in the four major topics of the conference mentioned above, we hope that this book will be relevant for all researchers and practitioners whose work is related to using informatics in control, robotics, or automation.

December 2013

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Informatics in Control, Automation and Robotics
10th International Conference, ICINCO 2013 Reykjavík,
Iceland, July 29-31, 2013 Revised Selected Papers
Ferrier, J.-L.; Gusikhin, O.; Madani, K.; Sasiadek, J. (Eds.)
2015, XVII, 420 p. 242 illus., 48 illus. in color.,
Hardcover
ISBN: 978-3-319-10890-2