

Editor-in-Chief

Prof. Janusz Kacprzyk
Systems Research Institute
Polish Academy of Sciences
ul. Newelska 6
01-447 Warsaw
Poland
E-mail: kacprzyk@ibspan.waw.pl

Paulo Novais, Kasper Hallenborg, Dante I. Tapia,
and Juan M. Corchado Rodríguez (Eds.)

Ambient Intelligence - Software and Applications

3rd International Symposium on Ambient
Intelligence (ISAmI 2012)

 Springer

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Paulo Novais
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Facultad de Ciencias
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The Maersk Mc-Kinney Moller Institute
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Odense
Denmark

Juan M. Corchado Rodríguez
Departamento de Informática y Automática
Facultad de Ciencias
Universidad de Salamanca
Salamanca
Spain

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Preface

This volume contains the proceedings of the 3th International Symposium on Ambient Intelligence (ISAmI 2012). The Symposium was held in Salamanca, Spain on March 28th–30th at the University of Salamanca, under the auspices of the Bioinformatic, Intelligent System and Educational Technology Research Group (<http://bisite.usal.es/>) of the University of Salamanca.

The ISAmI conference has been running annually and provides an international forum to present and discuss the latest results, innovative projects, new ideas and research directions, and to review current trends on Ambient Intelligence namely in terms of software and applications, and aims to bring together researchers from various disciplines that are interested in all aspects of this area.

Ambient Intelligence is a recent paradigm emerging from Artificial Intelligence, where computers are used as proactive tools assisting people with their day-to-day activities, making everyone's life more comfortable.

ISAmI 2012 received a total submission of 48 papers from 17 different countries. Each paper has been reviewed by, at least, three different reviewers, from an international committee composed of 51 members from 20 countries. After a careful review, 22 papers were selected as long papers and 5 were selected as short papers to be presented at the conference and published in the proceedings.

A Special Session on Artificial Intelligence Technologies in Resource-Constrained Devices was organized to complement the regular program, 4 long papers were accepted in the session.

A Thematic Issue in the Journal of Ambient Intelligence and Smart Environments (IOS Press) will be edited.

A special thanks to Ad van Berlo from the Dutch national expert centre for Smart Houses and Smart Living that was our invited speaker with the talk "From smart home technology towards ambient assisted living - lessons learnt".

We want to thank all the sponsors of ISAmI'12: IEEE Sección España, CNRS, AFIA, AEPIA, APPIA, and Junta de Castilla y León.

We would like also to thank all the contributing authors, as well as the members of the Program Committee and the Local Organizing Committee for their hard and highly valuable work.

Your work was essential to the success of ISAmI 2012.

March 2012

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