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Highlights on Practical Applications of Agents and Multi-Agent Systems

10th International Conference on Practical
Applications of Agents and Multi-Agent
Systems

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ISSN 1867-5662

ISBN 978-3-642-28761-9

DOI 10.1007/978-3-642-28762-6

Springer Heidelberg New York Dordrecht London

Library of Congress Control Number: 2012933089

e-ISSN 1867-5670

e-ISBN 978-3-642-28762-6

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Printed on acid-free paper

Springer is part of Springer Science+Business Media (www.springer.com)

Preface

PAAMS'12 Special Sessions are a very useful tool in order to complement the regular program with new or emerging topics of particular interest to the participating community. Special Sessions that emphasized on multi-disciplinary and transversal aspects, as well as cutting-edge topics were especially encouraged and welcome.

Research on Agents and Multi-Agent Systems has matured during the last decade and many effective applications of this technology are now deployed. An international forum to present and discuss the latest scientific developments and their effective applications, to assess the impact of the approach, and to facilitate technology transfer, has become a necessity.

PAAMS, the International Conference on Practical Applications of Agents and Multi-Agent Systems is an evolution of the International Workshop on Practical Applications of Agents and Multi-Agent Systems. PAAMS is an international yearly tribune to present, to discuss, and to disseminate the latest developments and the most important outcomes related to real-world applications. It provides a unique opportunity to bring multi-disciplinary experts, academics and practitioners together to exchange their experience in the development of Agents and Multi-Agent Systems.

This volume presents the papers that have been accepted for the 2012 edition in the special sessions: COREMAS: COoperative and RE-configurable MultiAgent System for Manufacturing, Logistics and Services domains in Industry, AMMR: Adaptive Multimedia and Multilingual Retrieval, BioMAS: 3rd International Special Session on Bio-Inspired and Multi-Agents Systems: Applications to Languages (BioMAS), WebMiRes: Web Mining and Recommender systems, MASSS: Multi-Agent Systems for Safety and Security, AAA: Assessing Agent Applications), TINMAS: Trust, Incentives and Norms in open Multi-Agent Systems, AMAS: Adaptive Multi-Agent Systems, ASM: Agents for smart mobility, ABAM: Agents Behaviours and Artificial Markets.

We would like to thank all the contributing authors, as well as the members of the Program Committees of the Special Sessions and the Organizing Committee for their hard and highly valuable work. Their work has helped to contribute to the success of the PAAMS'12 event. Thanks for your help, PAAMS'12 wouldn't exist without your contribution.

We thank the sponsors (IEEE Systems Man and Cybernetics Society Spain, AEPIA Asociación Española para la Inteligencia Artificial, APPIA Associação Portuguesa Para a Inteligência Artificial, CNRS Centre national de la recherche scientifique), the Local Organization members and the Program Committee members for their hard work, which was essential for the success of PAAMS'12.

Juan M. Corchado Rodríguez
Javier Bajo
PAAMS'12 Organizing Co-chairs

Organization

Special Sessions

COREMAS: COoperative and RE-configurable MultiAgent System for Manufacturing, Logistics and Services domains in Industry.

BioMAS: 3rd International Special Session on Bio-Inspired and Multi-Agents Systems: Applications to Languages.

WebMiRes: Web Mining and Recommender systems.

MASS: Multi-Agent Systems for Safety and Security.

AAA: Assessing Agent Applications.

TINMAS: Trust, Incentives and Norms in open Multi-Agent Systems.

AMAS: Adaptive Multi-Agent Systems.

ASM: Agents for Smart Mobility.

ABAM: Agents Behaviours and Artificial Markets.

Special Session on COoperative and RE-configurable Multi-Agent System for Manufacturing, Logistics and Services Domains in Industry

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Special Session on 3rd International Special Session on Bio-Inspired and Multi-Agents Systems: Applications to Languages

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Special Session on Agents for Smart Mobility

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Special Session on Agents Behaviours and Artificial Markets

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