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Highlights in Practical Applications of Agents and Multiagent Systems

9th International Conference on Practical
Applications of Agents and Multiagent
Systems

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Preface

PAAMS'11 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 2011 edition in the special sessions: Special Session on Agents Behaviours for Artificial Markets, Special Session on Multi-Agent Systems for safety and security, Special Session on Web Mining and Recommender Systems, Special Session on Adaptive Multi-Agent System, Special Session on Integration of Artificial Intelligence Technologies in Resource-Constrained Devices, Special Session on Bio-Inspired and Multi-Agents Systems: Applications to Languages and Special Session on Agents for smart mobility.

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'11 event. Thanks for your help, PAAMS'11 wouldn't exist without your contribution.

Juan Manuel Corchado

Javier Bajo

PAAMS'11 Organizing Co-chairs

Acknowledgements: This conference has been supported by Junta de Castilla y León (Spain).

Organization

Special Sessions

- SS1** – Special Session on Agents Behaviours for Artificial Markets
- SS2** – Special Session on Multi-Agent Systems for safety and security
- SS3** – Special Session on Web Mining and Recommender Systems
- SS4** – Special Session on Adaptative Multi-Agent System
- SS5** – Special Session on Integration of Artificial Intelligence Technologies in Resource-Constrained Devices
- SS6** – Special Session on Bio-Inspired and Multi-Agents Systems: Applications to Languages
- SS7** – Special Session on Agents for smart mobility

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