

# **Advances in Intelligent Systems and Computing**

Volume 473

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# Preface

PAAMS'16 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.

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 tribute 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 2016 special sessions: Agents Behaviours and Artificial Markets (ABAM); Advances on Demand Response and Renewable Energy Sources in Agent Based Smart Grids (ADRESS); Agents and Mobile Devices (AM); Agent Methodologies for Intelligent Robotics Applications (AMIRA); Learning, Agents and Formal Languages (LAFLang); Multi-Agent Systems and Ambient Intelligence (MASMAI); Web Mining and Recommender systems (WebMiRes). The volume also includes the paper accepted for the Doctoral Consortium in PAAMS 2016 and Collocated Events.

We would like to thank all the contributing authors, the members of the Program Committee and the Organizing Committee for their hard and highly valuable work. Their work has helped to contribute to the success of the PAAMS'16 event. Thanks for your help – PAAMS'16 would not exist without your contribution.

June 2016

Fernando De la Prieta  
María José Escalona

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## Special Sessions

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- SS2 - Advances on Demand Response and Renewable Energy Sources in Agent Based Smart Grids (ADRESS)
- SS3 - Agents and Mobile Devices (AM)
- SS4 - Agent Methodologies for Intelligent Robotics Applications (AMIRA)
- SS5 - Learning, Agents and Formal Languages (LAFLang)
- SS6 - Multi-Agent Systems and Ambient Intelligence (MASMAI)
- SS7 - Web Mining and Recommender systems (WebMiRes)
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