Alfonso González-Briones · Ana Almeida ·
Alberto Fernandez · Alia El Bolock ·
Dalila Durães · Jaume Jordán ·
Fernando Lopes (Eds.)

Communications in Computer and Information Science 1678

Highlights in Practical Applications of Agents, Multi-Agent Systems, and Complex Systems Simulation

The PAAMS Collection

International Workshops of PAAMS 2022
L'Aquila, Italy, July 13–15, 2022
Proceedings

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Preface

The PAAMS Workshops complemented the regular program with new or emerging trends of particular interest connected to multi-agent systems. 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 for presenting, discussing, and disseminating 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 were accepted in the workshops during the 2022 edition of PAAMS:

- Workshop on Artificial Intelligence for Industry (AI4Industry)
- Workshop on Adaptive Smart areaS and Intelligent Agents (ASSIA)
- Workshop on Character Computing (C2)
- Workshop on Deep Learning Applications (DeLA)
- Workshop on Decision Support, Recommendation, and Persuasion in Artificial Intelligence (DeRePAI)
- Workshop on Multi-agent based Applications for Modern Energy Markets, Smart Grids and Future Power Systems (MASGES)

Each paper submitted to PAAMS went through a stringent peer review by three members of the Program Committee of each workshop. From the 39 submissions received, 25 were selected for presentation at the conference.

We would like to thank all the contributing authors, the members of the Program Committees, the sponsors (IBM, AEPIA, APPIA, and AIR Institute) and the Organizing Committee for their hard and highly valuable work. We thank the funding supporting the project "XAI: Sistemas inteligentes auto-explicativos creados con modelos de mezcla de expertos" (Id. SA082P20) from the Regional Government of Castilla y León and FEDER funds.

Thanks for your help – PAAMS 2022 would not exist without your contribution.

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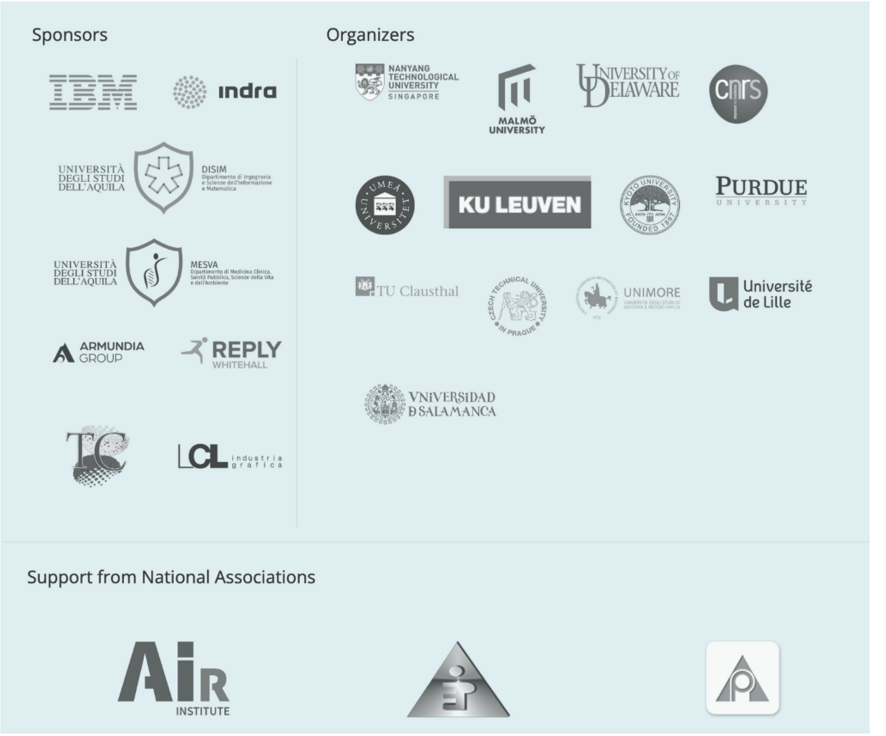

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