

Special Issue

Multi-Agent Systems 2020

Message from the Guest Editors

Multi-agent systems allow the development of distributed and intelligent applications in complex and dynamic environments. The purpose of this Special Issue is to make known some of the advances made in this paradigm and try to show the current state of this technology by analysing different aspects as well as its possible application to various domains. Topics include but not limited to:

- Agent and multi-agent applications
- Agent engineering: development techniques, tools, and platforms
- Agent-based simulation
- Biologically-inspired approaches and methods
- Collective intelligence
- Complex systems
- Distributed problem solving
- Human-robot-agent interaction
- Intelligent control and manufacturing systems
- Learning and adaptation in MAS
- Methodologies for agent-based systems
- Multi-robot systems
- Negotiation and conflict resolution
- Normative systems
- Organizations and institutions
- Reasoning in agent-based systems
- Self-organization
- Single and multi-agent planning and scheduling
- Socio-technical systems
- Teamwork, team formation, and teamwork analysis
- Trust and reputation

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closed (30 September 2020)



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About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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