

Special Issue

Future Horizons in Multi-Agent Systems: Pioneering Trends and Breakthrough Innovations

Message from the Guest Editor

Multi-Agent Systems represent a leading-edge area within artificial intelligence, robotics, distributed computing, and intelligent automation. They are transforming the design and implementation of adaptive, autonomous, and collaborative technologies across a wide range of domains, including smart cities, education, finance, healthcare, and beyond. We welcome the submission of high-quality original research articles, comprehensive review papers, and case studies. Topics of interest include, but are not limited to, the following:

- **Agent Architectures and Learning Paradigms**
- **Collaboration, Coordination, and Communication**
- **Ethics, Security, and Resilience**
- **Smart Environments and IoT Applications**
- **Swarm Intelligence and Robotics**
- **Industrial and Societal Applications**
- **MASs in Education**
- **Emerging and Hybrid Technologies**

Guest Editor

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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.

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