Special Issue

Multi-Agent Systems and Application

Message from the Guest Editors

This Special Issue is devoted to multi-agent systems (MASs) and their application in various research fields. As society and engineering technologies advance, the complexity of the tasks we face continues to increase. By leveraging multi-agent systems, we can effectively decompose large and complex problems into smaller and more manageable ones for efficient resolution. By leveraging multi-agent systems, we can achieve efficient management and control of these distributed energy sources. Furthermore, in deep learning, training models often demand significant computational resources and large datasets. By distributing the training tasks across multiple agents, these agents can process data concurrently on different nodes and share the results, thereby accelerating the training process and improving the model's accuracy and generalization capabilities. Additionally, in the field of cooperative control, the application of multi-agent systems in autonomous systems like drones holds significant importance. We warmly welcome high-quality original research articles presenting new methods, well-summarized reviews, and far-sighted prospects.

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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.

Editor-in-Chief

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