# Special Issue

# Artificial Intelligence in Multi-Agent Systems

## Message from the Guest Editor

Research carried out on intelligent agents and multi-agent systems has matured during the last decade, and many effective applications of this technology are being deployed. Despite the fact that computational approaches for multi-agent systems have mainly emerged in recent decades, scholars have been prolific with the variety of methods proposed to solve this paradigm. Different communities have emerged with multi-agent systems as their main research topic. Multi-agent systems allow the development of intelligent and distributed applications in complex and dynamic environments. Systems of this kind play a crucial role in life, as evidenced by the broad range of applied areas involved in their use, including manufacturing, management sciences, e-commerce, biotechnology, etc. The purpose of this Special Issue is to make known some of the advances achieved in the use of different AI algorithms involving machine learning, deep learning, reinforcement learning, and computational intelligence techniques in multi-agent systems applications and to show the current state by analyzing different aspects as well as possible application to various domains.

## Guest Editor

Dr. Önder Gürcan

Systems and Technologies Integration Laboratory (LIST), the French Alternative Energies and Atomic Energy Commission (CEA), Paris-Saclay University, 91191 Paris, France

## Deadline for manuscript submissions

closed (1 December 2022)

# Algorithms

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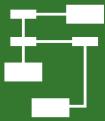# About the Journal

### Message from the Editor-in-Chief

Algorithms are the very core of Computer Science. The whole area has been considered from quite different perspectives, having led to the development of many sub-communities: Complexity theory (limitations), approximation or parameterized algorithms (types of problems), geometric algorithms (subject area), metaheuristics, algorithm engineering, medical imaging (applications), indicates the range of perspectives. Our journal welcomes submissions written from any of these perspectives, so that it may become a forum for exchange of ideas between the corresponding scientific subcommunities.

### Editor-in-Chief

Prof. Dr. Frank Werner
Faculty of Mathematics, Otto-von-Guericke-University, P.O. Box 4120, D-39016 Magdeburg, Germany

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