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Optimization and AI of Autonomous Multi-Agents

Guest Editor:

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Deadline for manuscript submissions:
closed (30 April 2024)

Message from the Guest Editor

Dear Colleagues,

We have experienced the power and wide as well as quick applications of AI during the past decade. It highly influences the field of autonomous control and optimizations. We are expecting to introduce current research in the fields of AI and machine learning for applications of autonomous multi-agents, which include various levels of autonomous controls from the agent to system-wide level.

Readers may be interested in the following aspects:

- Literature survey.
- Optimization and emergence in autonomous multi-agent systems.
- Control and design of autonomous agents, such as vehicles.
- AI and machine learning in autonomous multi-agent systems.
- Case studies.
- Sensors, the IoT, and smart things.
- Big data analytics in these fields.
- Complexity and complex systems.
- Emergent and autonomous behaviors.

The Special Issue is not limited to the above, and welcomes various applications as well as subjects.

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Message from the Editor-in-Chief

Machines is an international, peer reviewed journal on machinery and engineering. It publishes research articles, reviews and communications.

Our aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible. There is no restriction on the length of the papers. Full experimental and/or methodical details must be provided.

There are, in addition, unique features of this journal: Manuscripts regarding research proposals and research ideas will be particularly welcomed; Electronic files or software regarding the full details of the calculation and experimental procedure - if unable to be published in a normal way can be deposited as supplementary material.

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