Special Issue

Advanced Control Strategies and Applications of Multi-Agent Systems

Message from the Guest Editors

This Special Issue aims to explore the latest advancements in multi-agent system (MAS) control strategies and practical applications. MASs, consisting of multiple interacting intelligent agents, have the potential to solve intricate problems through a form of coordination and distributed decision-making that single agents could not handle, with significant implications for various domains such as robotics, autonomous vehicles, aircraft formation, spacecraft formation, smart grids, and distributed sensor networks.

- multi-agent systems
- formation control
- consensus tracking
- event-triggered control
- dynamic network topology
- distributed control
- distributed optimization
- resilient consensus
- game theory
- non-cooperative games
- mixed-motive games
- multi-agent reinforcement learning

Guest Editors

Dr. Han Gao

Dr. Guangchen Zhang

Prof. Dr. Xin Wang

Dr. Jinwen Hu

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Electronics
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
electronics@mdpi.com

mdpi.com/journal/electronics

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Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guestedited by leading experts in selected topics of interest.

Editor-in-Chief

Prof. Dr. Flavio Canavero
Department of Electronics and Telecommunications, Politecnico di Torino, 10129 Torino, Italy

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