

Special Issue

Multi-UAVs Control

Message from the Guest Editors

It is widely recognized both in nature and in robotic systems that the development of a task or mission in a cooperative way offers different advantages, among which are the reduction in time, and the robustness or tolerance to failures, since some members that present problems can easily be replaced by other agents.

Among the main research directions are formation tracking, multi-agent systems, cooperative control, etc. Formation tracking methods are studied for multi-agent systems (MAS), which have a wide range of applications in the field of intelligent unmanned autonomous systems, especially in UAVs. This Special Issue is inspired by the applications based on multi-UAV, cooperative control, consensus strategies, and control. Papers are solicited in areas directly related to these topics, including, but not limited to, the following:

- Cooperative control;
- Neuro-fuzzy control;
- Consensus control;
- Learning and adaptation in MAS;
- Agent and multi-agent applications;
- Cooperative Relative Navigation;
- Intelligent systems for multi-agent;
- Synchronization and pinning control;
- Engineering multiagent systems;
- Innovative applications;
- Real-time multiagent systems.



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Deadline for manuscript submissions

closed (1 December 2023)





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About the Journal

Message from the Editor-in-Chief

Drones is the only international open-access journal about the science, policy and technology of drones and its applications. Nowadays, the proliferation of drones is a reality for local policy makers, regulatory bodies, mapping authorities, startups and consolidated companies. There are many uses and benefits of drones: from the emergence of new sensors and the evolution of new platforms; to the development of specific software and the emergence of new applications. *Drones* publishes reviews, regular research papers, communications and short notes, without restriction on the length of papers. *Drones* seeks to provide a central forum for scholars engaged in drones' research and applications. There is a need for high quality papers in this area and the *Drones* Editorial Board are widely recognized international leaders. *Drones* journal guarantees a serious peer review and a rapid publication across the whole discipline of drones.

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