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Recent Trends in Multi-Robot Systems: From Theoretical Contributions to Practical Applications

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Deadline for manuscript submissions:

closed (30 June 2020)

Message from the Guest Editors

In the foreseeable future the usage of a single robot will become obsolete, as there is an ever-increasing interest of multi-robot systems. This is due to the extended capabilities that the teams can offer, compared to the use of a single robot for the same task.

This special issue will focus in all aspects related to multirobot teams including but not limited to:

- Theoretical foundations in multi-robot systems
- Multi-robot systems coordination and interaction
- Distributed control and planning
- Mapping, localization, and navigation in multirobot systems
- Swarm robotics
- Novel sensors and actuators for multi-robot systems
- Real-world applications of multi-robot systems
- Machine learning in multi-robot systems
- IoT and Multi-Robot systems
- Multi-Robot systems in Education and Special Education

Welcome to contribute.











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Message from the Editor-in-Chief

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