UAV Trajectory Generation, Optimization and Cooperative Control

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Deadline for manuscript submissions:
8 July 2024

Message from the Guest Editors

Dear Colleagues,

We are pleased to invite you to submit manuscripts to the MDPI *Drones* Special Issue on "UAV Trajectory Generation, Optimization and Cooperative Control".

This Special Issue is inspired by the applications of UAVs in complex and variable missions.

Within this context, we invite manuscripts for this Special Issue on "UAV Trajectory Generation, Optimization and Cooperative Control". Papers are solicited in areas directly related to topics including but not limited to those listed below:

- Path planning and trajectory generation for UAVs;
- Trajectory optimization for UAVs;
- Collision avoidance for UAVs in complex environments;
- Distributed cooperative guidance, control and optimization for UAVs;
- Dynamic positioning/path following/trajectory tracking/target tracking problems of UAVs.

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Special Issue

Editor-in-Chief

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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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