

## Special Issue

# Flight Control and Path Planning of Unmanned Aerial Vehicles

### Message from the Guest Editors

Unmanned aerial vehicles (UAVs) have gained a lot of popularity in recent years. Because these systems appear to be flexible, have low cost and exhibit different levels of autonomy, they have been used in various applications. Mission safety and efficiency are fundamental factors when implementing UAVs for such tasks. In this context, several research proposals and technologies are being continuously developed and improved by the scientific community, allowing promising results and expanding UAVs' capabilities. Among the research challenges, autonomous path planning and flight control are essential issues for UAVs. The first one allows us to find an optimal path between a source and destination, satisfying constraints based on environmental information and mission requirements. The latter is required to ensure the optimal tracking of paths, as well as disturbance or fault tolerance. This Special Issue aims at collecting original research works related to path planning and flight control of UAVs.

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### Guest Editors

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### Deadline for manuscript submissions

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## Machines

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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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### Editor-in-Chief

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