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Advanced Control of Unmanned Aerial Vehicles (UAV)

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Deadline for manuscript submissions:
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Message from the Guest Editors

Dear Colleagues,

In recent years, unmanned aerial vehicles (UAVs) have found great use in various applications, including, but not limited to, package delivery, surveillance, inspection, precision agriculture, border control, criminal investigations, search and rescue, weather measurement and forecasting, and disaster relief. The potential uses are remarkably diverse, and as UAV technology becomes more accessible, they are likely to continue to be used in new and surprising ways. Unlike military-grade products, most commercial UAVs are powered by an on-board battery extremely limited in capacity, and so can only fly for a short time (typically less than half an hour). This significantly limits the payload, which results in it not being able to carry too many sensors. This further creates challenges for the control of UAVs.

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Message from the Editor-in-Chief

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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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