



Advanced Control of Unmanned Aerial Vehicles (UAV)

Guest Editors:

Dr. Chao Huang

Department of Industrial and
Systems Engineering, The Hong
Kong Polytechnic University,
Hong Kong, China

Dr. Hailong Huang

Department of Aeronautical and
Aviation Engineering, The Hong
Kong Polytechnic University,
Hong Kong, China

Dr. Yang Xu

School of Aviation, Northwestern
Polytechnical University, Xi'an
710072, China

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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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Cardoso**

CISE—Electromechatronic
Systems Research Centre,
University of Beira Interior,
Calçada Fonte do Lameiro, P -
6201-001 Covilhã, Portugal

Message from the Editor-in-Chief

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Machines Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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