



On-Board Systems for UAV

Guest Editor:

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Deadline for manuscript submissions:

closed (30 September 2023)

Message from the Guest Editor

Dear Colleagues,

Unmanned aerial vehicles are increasingly used in many areas of life. The variety of aerodynamic solutions, propulsion systems, and the dimensions and weight of currently used UAVs means that their full on-board equipment can be both systems with a very large scale of integration weighing several dozen grammes, as well as much larger systems whose weight is counted in tens and even hundreds of kilogrammes. Moreover, the specificity of many applications of unmanned aerial vehicles requires the search for unconventional and unique solutions. All this makes the design of on-board systems for UAVs a challenge not only technically, but also scientifically.

The Special Issue of *Aerospace* on 'On-Board Systems for UAV' focuses on the broad topic of design, integration, testing and maintenance of avionics, as well as sensors and multi-sensor systems installed on UAVs. Theoretical and practical articles related to the various on-board modules and systems are welcome.

The scope of this Special Issue includes (but is not limited to):





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Message from the Editor-in-Chief

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