Special Issue

On-Board Systems for UAV

Message from the Guest Editor

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):

Guest Editor

Prof. Dr. Paweł Rzucidło

Department of Avionics and Control Systems, Faculty of Mechanical Engineering and Aeronautics, Rzeszow University of Technology, al. Powstanców Warszawy 8, 35-959 Rzeszow, Poland

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Aerospace
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
aerospace@mdpi.com

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You are welcome to contribute a research article or a comprehensive review for consideration and publication in *Aerospace* (ISSN 2226-4310), an on-line, open access journal.
Aerospace adheres to rigorous peer-review as well as editorial processes and publishes high quality manuscripts that address both the fundamentals and applications of aeronautics and astronautics. Our goal is to enable rapid dissemination of high impact works to the scientific community.

Editor-in-Chief

Prof. Dr. Konstantinos Kontis
School of Engineering, University of Glasgow, James Watt Building South, University Avenue, Glasgow G12 8QQ, Scotland, UK

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