

Special Issue

Advances in Flight Dynamics and Autonomous Control of UAVs

Message from the Guest Editor

Unmanned aerial vehicles (UAVs) are a rapidly developing technology in the aerospace sector of the 21st century, with applications in aerial photography/mapping, remote monitoring/sensing, surveillance and reconnaissance, infrastructure inspection, etc. Thanks to advances in fields ranging from computation and sensing to new materials and manufacturing methods, UAVs are becoming increasingly more sophisticated, and numerous new UAV applications are being explored, involving operations in challenging environments and requiring high levels of autonomy. The rapid growth in demand for complex UAV missions brings with it a variety of design and performance challenges. Meeting these challenges, in turn, calls for advances in UAV flight dynamics and autonomous control.

Guest Editor

Prof. Dr. Sophie F. Armanini

Department of Aerospace and Geodesy, TUM School of Engineering and Design, Technical University of Munich, 85748 Munich, Germany

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

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Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,
20133 Milano, Italy

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