# Special Issue

# Aircraft Dynamics & Control

### Message from the Guest Editor

The nonlinear interactions in proximity operation of two aircrafts, carrier deck landing in high sea states call for a different approach and need non-classical treatment of the dynamics and control problems. Better modeling of aerodynamic coupling and the nonlinear effects will enhance our understanding of the flight dynamics, which, in turn, enables the engineer and the practitioner to devise suitable control laws. This issue invites papers that address the areas of flight dynamics and control of atmospheric flight vehicles (mostly fixed-wing aircraft and rotorcraft). Of interest are papers that address nonlinear regimes of flight, analysis and recovery from departure modes, dynamics of non-traditional aircraft, rotorcraft, guidance, navigation, and control, use of computational tools for real-time flight control synthesis, performance optimization, control allocation and reconfiguration, inflight stall margin predictions, certifiable non-linear control algorithms.

### Guest Editor

Assoc. Prof. Kamesh Subbarao
Department of Mechanical & Aerospace Engineering, The University of Texas at Arlington, Arlington, TX 76019-0018, USA

### Deadline for manuscript submissions

closed (31 January 2018)

**Aerospace**

an Open Access Journal by MDPI

Impact Factor 2.2
CiteScore 4.0

mdpi.com/si/9653

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

mdpi.com/journal/aerospace

# Aerospace

an Open Access Journal by MDPI

Impact Factor 2.2
CiteScore 4.0

mdpi.com/journal/aerospace

MDPI

# About the Journal

## Message from the Editor-in-Chief

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, UK

## Author Benefits

**Open Access:**

free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:**

indexed within Scopus, SCIE (Web of Science), Inspec, Ei Compendex, and other databases.

**Journal Rank:**

JCR - Q2 (Engineering, Aerospace) / CiteScore - Q2 (Aerospace Engineering)