



an Open Access Journal by MDPI

# **Flight Control System Simulation**

Guest Editors:

# Dr. Zeashan H. Khan

Department of Avionics Engineering, College of Aeronautical Engineering (CAE), National University of Sciences and Technology (NUST), Islamabad, Pakistan

#### Dr. Imran Mir

Department of Avionics Engineering, College of Aeronautical Engineering (CAE), National University of Sciences and Technology (NUST), Islamabad, Pakistan

#### Dr. Syed Tauqeer Ul Islam Rizvi

Department of Avionics Engineering, College of Aeronautical Engineering (CAE), National University of Sciences and Technology (NUST), Islamabad, Pakistan

Deadline for manuscript submissions: closed (31 March 2023)



mdpi.com/si/138868

## Message from the Guest Editors

The scope of this Special Issue is to present state-of-the-art research related to flight control simulation platforms, verification and validation, software in loop, processor in loop and hardware in loop simulation. Comparison of results between linear and nonlinear controllers and actual validation in flight test, system identification for correction of aerodynamics model and the related areas.

Papers for the Special Issue must provide a substantial novel contribution and authors must carefully position their work with regard to the relevant scientific literature. They must clearly address research issues related to flight simulation, hardware in loop test setup design, inflight system identification and the role of modelling and simulation in the design of aerospace vehicles.







an Open Access Journal by MDPI

### **Editor-in-Chief**

#### Prof. Dr. Diego González-Aguilera

Cartographic and Land Engineering Department, Higher Polytechnic School of Avila, University of Salamanca, Hornos Caleros, 50 05003 Avila, Spain

### Message from the Editor-in-Chief

*Drones* is the only international open-access journal about the science, policy and technology of drones and its applications. Nowadays, the proliferation of drones is a reality for local policy makers, regulatory bodies, mapping authorities, startups and consolidated companies. There are many uses and benefits of drones: from the emergence of new sensors and the evolution of new platforms; to the development of specific software and the emergence of new applications. *Drones* publishes reviews, regular research papers, communications and short notes, without restriction on the length of papers. *Drones* seeks to provide a central forum for scholars engaged in drones' research and applications.

There is a need for high quality papers in this area and the *Drones* Editorial Board are widely recognized international leaders. *Drones* journal guarantees a serious peer review and a rapid publication across the whole discipline of drones.

## **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,

and other databases.

Journal Rank: JCR - Q1 (Remote Sensing) / CiteScore - Q1 (Aerospace Engineering)

### **Contact Us**

*Drones* Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 www.mdpi.com mdpi.com/journal/drones drones@mdpi.com X@Drones\_MDPI