Special Issue

Bio-Inspired Aerospace System

Message from the Guest Editor

Physical and aerodynamic characteristics of insects and birds in flight offer benefits over typical propeller or rotor driven miniature air vehicle (MAV) locomotion designs in certain applications. It has become the great interest of many scientists, researchers, companies and even hobbyists around the world. The purpose of this Special Issue on Bio-Inspired Aerospace System is to address the current issues and developments, and help with the design challenges associated with the further advancement of the field. Potential topics include, but are not limited to:

- - Kinematics of flapping wing
- - Biological aspect of flying
- - Aerodynamics of flying
- - Biomimetic flying machine
- - Flapping wing or flying wing mechanisms
- - Visual system of flying machine
- - Fluid-Structure Interaction of flapping wing
- - Energy and power consideration of flying machines
- - Artificial materials and actuators
- - Biological neuromuscular system
- - Flapping wing models

Guest Editor

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Deadline for manuscript submissions

closed (28 September 2018)

Aerospace

an Open Access Journal by MDPI

Impact Factor 2.2
CiteScore 4.0

mdpi.com/si/11472

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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.

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