Bionic Design and Manufacturing of Innovative Aircraft

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Deadline for manuscript submissions:
closed (30 December 2022)

Message from the Guest Editors

Bionics is the source and motivation for the innovation and development of aircraft. Creatures in nature provide important design ideas for the technological innovation of aircraft. They not only solve major problems of aircraft design but also give birth to many new concept aircrafts.

This Special Issue will publish submissions related to research on the design and manufacturing of bionic aircraft that imitate the flight modes and morphological characteristics of natural creatures, bionic technology to improve the aerodynamic performance of aircraft, bionic design of new concept propellers, and bionic design and manufacturing of new materials and structures of aircraft.

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Bionic_Innovative_Aircraft

Special Issue

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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