

Special Issue

Advances in Biologically Inspired Design

Message from the Guest Editor

Biologically-inspired design is a design philosophy that encourages us to learn from nature, and results in the discovery of non-conventional solutions to problems that are often more efficient, economic, and elegant. Taking inspiration from nature has made (and can make) valuable contributions to engineering. In the last few decades, there has been increased attention on the significant technical innovations that can result from biological inspiration. Although the use of biologically inspired design has increased, we still lack reliable methods and tools that aim to reduce the element of chance as well as time and effort to intentionally arrive at a biologically inspired design. This Special Issue is focused on the techniques, approaches and theories that facilitate biologically inspired design for engineering applications. Manuscript submissions on original research and literature reviews in the areas mentioned as keywords below are highly encouraged. Assoc. Prof. Dr. Jacquelyn Nagel

Guest Editor

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About the Journal

Message from the Editor-in-Chief

Designs (ISSN 2411-9660) is a peer-reviewed and open access journal which provides a unifying research framework for a wide range of engineering designs of disciplines and industrial applications, including mechanical engineering, electrical engineering, civil engineering, mechatronics, aerospace engineering, bioengineering, energy engineering, industrial engineering and manufacturing systems are of interest. We would like to invite you to contribute to the journal by sending us your high quality research papers. We would be pleased to welcome you as one of our authors.

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