Special Issue

Artificial Intelligence Supported Design and Innovation

Message from the Guest Editors

Artificial Intelligence techniques and paradigms are having an ever-increasing impact across a wide range of activities associated with design and innovation. This impact can be seen from the way mass produced products are designed, developed, and produced. From our point of view, engineering design is not necessarily related to tangible products and CAD. Thus in this special issue, we encourage authors to submit works that deal also with innovative use of artificial intelligence in every aspect of engineering design process that produce a product or a service.

The possible topics include, but are not limited to the following: Creativity; Intelligent design; Computer-aided design; Algorithm-driven design; UI and UX design; Games design; Planning design; Personal Assistant systems design; Optimization/evaluation in engineering design; Sensing and AI signal processing and control; Cognitive design; Decision support; Deep learning; Crowdsourcing design.

Guest Editors

Prof. Dr. Andrew Ware
Faculty of Computing, Engineering and Science, University of South Wales, Pontypridd CF37 1DL, UK

Prof. Dr. Athanasios G. Malamos
Department of Electrical and Computer Engineering, Faculty of Engineering, Hellenic Mediterranean University, Estavromenos, GR-71140 Heraklion, Crete, Greece

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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.

Editor-in-Chief

Prof. Dr. Joshua M. Pearce
Department of Electrical & Computer Engineering, Western University, London, ON N6A 3K7, Canada

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Rapid Publication:
manuscripts are peer-reviewed and a first decision is provided to authors approximately 18.5 days after submission; acceptance to publication is undertaken in 4.6 days (median values for papers published in this journal in the second half of 2025).