

Special Issue

Visual Analytics for Multidisciplinary Engineering Design

Message from the Guest Editor

Data-driven engineering design processes have become a necessity, but also common practice in modern industry. The main objective of this Special Issue is to give professional scholars and experts as well as the relevant industrial partners the opportunity to share their original research related to visual analytics and complementary tools and methods for the next generation of computational engineering design.

Topics included but not limited to the following:

Engineering data visualization;

Machine Learning for engineering design;

Multidisciplinary optimization for real-world applications;

Systems engineering design optimization;

Novel design optimization methods;

Virtual Reality and Augmented Reality for engineering design;

Novel deployment of Parallel Coordinates in engineering design;

Visualization of uncertainty in engineering design;

Visual analytics for engineering applications

Guest Editor

Dr. Timoleon Kipouros

School of Aerospace, Transport and Manufacturing, Cranfield
University, Bedford MK43 0AL, UK

Deadline for manuscript submissions

closed (20 December 2021)



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/46282

Applied Sciences
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
appls-ci@mdpi.com

mdpi.com/journal/

[appls-ci](https://appls-ci.mdpi.com)





Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



[mdpi.com/journal/
applsci](https://mdpi.com/journal/applsci)



About the Journal

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.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,
20133 Milano, Italy

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), Ei Compendex, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)