

Topical Collection

Software Engineering: Computer Science and System

Message from the Collection Editor

Software is fast becoming an integral part of our everyday life and is gradually impacting human beings and society. It involves programming languages, databases, software development tools, system platforms, standards, design patterns, and so on. In modern society, software is used in many ways. Typical types of software include e-mail clients, embedded systems, HMIs, office suites, operating systems, compilers, databases, and games. At the same time, computer software finds application in almost all industries, such as manufacturing, agriculture, banking, aviation, and government departments. Furthermore the software plays an extremely important role in scientific research: instruments control software, data analysis, scientific results publishing. These applications have promoted the development of the economy and society as well as the efficiency of work and life. This Special Issue aims to advance the state of the art by gathering original research in the field of software-intensive systems, fundamental connections between software engineering and information theory, and, especially, sustainable software product lines.

Collection Editor

Dr. Vito Conforti

Istituto Nazionale di Astrofisica, Osservatorio di Astrofisica e Scienza dello Spazio, 40129 Bologna, Italy



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/71233

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

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





Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



[mdpi.com/journal/
applsci](http://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, Embase, CAPLus / SciFinder, and other databases.

Journal Rank:

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

