

Special Issue

Advanced Architecture Development in Software Engineering

Message from the Guest Editors

This Special Issue is intended for new ideas in the field of high-performance software architecture from design, service and theory to its practical use. Areas relevant to advanced software architecture include but are not limited to, engineering-

oriented application software framework, corresponding data exchange progress, invocation style, interface definition, and multi-module collaboration. Research on the following topics is welcome:

- Engineering oriented application software framework;
- Parallel and distributed invocation;
- Interface definition;
- Multi-module collaboration;
- Drive encapsulation;
- Multithreading management and logging management;
- Framework and application separation;
- Cybersecurity and software engineering;
- Software architectures for intelligent systems: theoretical issues and case studies.

Guest Editors

Prof. Dr. Rodrigo Martínez Béjar

Department of Information and Communications Engineering,
University of Murcia, Murcia, Spain

Dr. Qingwen Han

School of Microelectronics and Communication Engineering,
Chongqing University, Chongqing, China

Deadline for manuscript submissions

closed (20 January 2025)



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/183847

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

mdpi.com/journal/

[applsci](https://doi.org/10.3390/applsci)





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)