

Special Issue

Theories and Technologies in Software Engineering

Message from the Guest Editors

In modern society, software is used in many ways. Typical software types include email clients, embedded systems, HMI, office suites, operating systems, compilers, databases, and games. At the same time, computer software is used in almost every industry, such as manufacturing, agriculture, banking, aviation, and government agencies. Furthermore, software plays an extremely important role in scientific research: software is used for instrument control, data analysis, and publication of scientific results. These applications promote economic and social development and improve the efficiency of work and life. This Special Issue aims to collate original research in the field of software-intensive systems, fundamental connections between software engineering and information theory and, especially, the state-of-the-art technologies and tools in the field of software engineering. These include, but are not limited to, the following: Software engineering methods
Responsible software engineering
Software deployment and operations
Software for the cloud
Software engineering for quantum computing
Emerging technologies for software engineering
Trends in software engineering

Guest Editors

Dr. Enrique Moguel

Department of Computer and Telematic System Engineering, University of Extremadura, Av. De la Universidad s/n., 10003 Cáceres, Spain

Dr. Daniel Flores-Martin

Quercus Software Engineering Group, University of Extremadura, Av. De la Universidad s/n., 10003 Cáceres, Spain

Deadline for manuscript submissions

closed (15 July 2025)



Electronics

an Open Access Journal
by MDPI

Impact Factor 2.6
CiteScore 6.1



mdpi.com/si/184175

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

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





Electronics

an Open Access Journal
by MDPI

Impact Factor 2.6
CiteScore 6.1



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



About the Journal

Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

Editor-in-Chief

Prof. Dr. Flavio Canavero

Department of Electronics and Telecommunications, Politecnico di
Torino, 10129 Torino, Italy

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), CAPus /
SciFinder, Inspec, Ei Compendex and other databases.

Journal Rank:

JCR - Q2 (Engineering, Electrical and Electronic) /
CiteScore - Q1 (Electrical and Electronic Engineering)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.8 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the first half of 2025).