

Special Issue

Best Practices, Challenges and Opportunities in Software Engineering

Message from the Guest Editor

This Special Issue calls for papers presenting technological innovations, novel research outcomes, and inspiring applications dedicated to best practices, challenges, and opportunities in the field of software engineering. We invite papers covering the following aspects of software engineering, among other relevant topics:

- Ethics and social studies for software engineering ;
- Software design methods and best practices;
- Requirement engineering;
- Software testing for distributed computing, cloud services;
- Software code analysis for emerging domains such IoT, edge computing, block chain, autonomous driving;
- Software repository mining;
- Software architecture for large-scale software systems;
- Software engineering for machine learning;
- Machine learning for software engineering;
- Software quality of emerging attributes, including trustworthiness, transparency, explainability, observability, audibility, sustainability;
- Software process for emerging domains and applications;
- Software metrics and measurement for emerging attributes;
- Software engineering for data science and engineering.

Guest Editor

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Deadline for manuscript submissions

31 December 2025



Computers

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About the Journal

Message from the Editor-in-Chief

You are invited to contribute a research article, a comprehensive review or a software paper for consideration and publication in Computers (ISSN 2073-431X). Computers is an international, peer-reviewed, open access journal which provides an advanced forum for computer sciences. Computers is published in open access format—research articles, reviews and other contents are released on the Internet immediately after acceptance. The scientific community and the public have unlimited and free access to the content as soon as it is published. We would be pleased to welcome you as one of our authors.

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.3 days after submission; acceptance to publication is undertaken in 3.8 days (median values for papers published in this journal in the first half of 2025).