Special Issue

The Latest Progress in Software Development and Testing

Message from the Guest Editor

This Special Issue aims to investigate the emerging development and testing approaches for different types of modern software systems including, but not limited to:

- Mobile apps;
- Web apps;
- AI applications;
- Extended reality systems;
- Autonomous driving systems;
- Context-aware systems;
- IoT systems;
- Industry 4.0 systems.

We welcome contributions that will help to answer the following, more specific research questions:

- What are the challenges in modern software development processes and how can they be addressed?
- Which types of software development processes and practices are emerging at the forefront?
- Which methodologies, techniques, environments, frameworks, and tools are emerging for developing, documenting, testing, and validating the software?

Authors are encouraged to submit works related to emerging research topics in different software life-cycle activities, including software requirement analysis and specification, and software design, testing, maintenance, evolution, and quality assurance. Survey studies as well as experimental studies may be submitted to this Special Issue.

Guest Editor

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Deadline for manuscript submissions

closed (15 September 2023)

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 guestedited by leading experts in selected topics of interest.

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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).