

Special Issue

Machine Learning (ML) and Software Engineering

Message from the Guest Editors

At present, AI, machine learning, and deep learning technologies are remarkably developed, and various intelligent systems are being accordingly developed. This Special Issue aims to present a collection of the various software engineering techniques, tools, and methodologies for such intelligent systems in addition to AI, machine learning, and deep learning technologies that can be utilized to support intelligent software engineering. We also welcome topics on AI-based systems, such as autonomous vehicles, autonomous flights, and medical AIs. Specific topics of interest include but are not limited to:

- Artificial intelligence for software engineering
- Software engineering for artificial intelligence
- Machine learning for requirement engineering
- Machine learning for design
- Machine learning for code generation
- Machine learning for code example generation
- Machine learning for code description
- Machine learning for testing
- Machine learning for code changes
- Machine learning for artifact changes
- CI, DevOps, and MLOps for intelligent software systems
- Issues on autonomous vehicles
- Issues on autonomous flights
- Issues on medical AIs

Guest Editors

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Deadline for manuscript submissions

closed (31 December 2023)



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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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