

Special Issue

High Performance Control and Industrial Applications

Message from the Guest Editors

The objective of this Special Issue is to compile recent research and development efforts contributing to advances in high-performance control and its industrial application. The topics of interest within the scope of this Special Issue include (but are not limited to) the following:

- Modeling, analysis and identification of industrial systems.
- Advanced control theory, including robust control, adaptive control, intelligent control and other advanced control methods.
- Hybrid and discrete-event systems.
- Graphical formalisms for discrete-event systems modeling, including finite automata, statecharts, Petri nets, and related tools and standards.
- Design and implementation of control systems.
- Condition monitoring, fault diagnosis, fault-tolerant control.
- Specific applications of high-performance control, such as autonomous vehicles, robotics, electronic manufacturing machines, etc.
- Intelligent systems and machine learning.

Guest Editors

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Prof. Dr. Weiyang Lin

Deadline for manuscript submissions

closed (15 October 2024)



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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.

Editor-in-Chief

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