



## Embedded Systems: Fundamentals, Design and Practical Applications

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Deadline for manuscript  
submissions:

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### Message from the Guest Editors

Dear Colleagues,

Recent years have witnessed the ever-more widespread use of embedded systems in increasingly diverse areas of human activity. Suffice to say, about 99% of all manufactured microprocessors are used in embedded systems. With the development of the Internet of Things, the automation of production, and the increasing utilization of various robots, enhancing the intelligence of the material world around us would be unthinkable without the use of embedded systems. Modern embedded systems are implemented both on the basis of fairly simple microcontrollers, and on the basis of complex integrated circuits consisting of billions of transistors. In many cases, embedded systems are real-time cyber-physical systems that monitor and control complex physical objects.

The aim of this Special Issue is to collate scientific manuscripts on the practical and theoretical aspects associated with theoretical and practical aspects of implementing efficient embedded systems. The key focus is to present theoretical advances, as well as new specification, design, and verification methods, in order to improve the main characteristics of embedded systems.





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## Editor-in-Chief

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## 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.

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