

Special Issue

Electronic Systems with Dynamic Chaos: Design and Applications

Message from the Guest Editors

Dynamic chaos is a widespread nonlinear phenomenon that has long been recognized as an important area of scientific research. Over the past decade, a significant amount of work has been carried out to introduce technologies using dynamic chaos in various high-tech areas: electronics, optoelectronics and lasers, information technology and telecommunications, control theory, cryptography, robotics, etc. The purpose of this issue is to highlight the current progress in the development and investigation of electronic circuits and systems with chaotic dynamics in electronic and information engineering and discuss the current trends and challenges in the use of such systems in various application areas. Finally, this Special Issue welcomes both original papers and review articles concerning different aspects of nonlinear dynamics, the design and investigation of nonlinear electronic circuits and systems and their applications in the wide-ranging area of modern information technologies and engineering.

Guest Editors

Dr. Elena V. Efremova
Prof. Dr. Alexander S. Dmitriev
Dr. Stavros G. Stavrinides

Deadline for manuscript submissions

closed (31 January 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.

Editor-in-Chief

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