

Special Issue

Signal Processing and Analysis of Electrical Circuit

Message from the Guest Editors

This Special Issue invites original research papers that report on the state-of-the-art and recent advancements in signal processing and analysis of electrical circuits. The analysis of electrical circuits is an essential task in the evaluation of these systems. Circuits are made up of interconnections of various elements such as resistors, inductors, transformers, capacitors, semiconductor diodes, transistors, and operational amplifiers. The electrical voltages, currents, and acoustic and vibrational signals that carry useful information are known as diagnostic signals. The extraction of information from a signal, the modification of a signal from one form to another, the separation of a signal from noise, spectrum analysers, image processors, etc., are also essential for telecommunications, instrumentation, control, and other applications. Prospective authors are invited to submit high-quality original contributions and reviews to this Special Issue.

Guest Editors

Prof. Dr. Adam Glowacz

Prof. Dr. Grzegorz Królczyk

Prof. Dr. Jose Alfonso Antonino-Daviu

Deadline for manuscript submissions

closed (31 August 2019)



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Electronics
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
electronics@mdpi.com

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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 guest-edited by leading experts in selected topics of interest.

Editor-in-Chief

Prof. Dr. Flavio Canavero

Department of Electronics and Telecommunications, Politecnico di
Torino, 10129 Torino, Italy

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