

Special Issue

Hardware in the Loop, Real-Time Simulation and Digital Control of Power Electronics and Drives

Message from the Guest Editors

The main objective of this Special Issue is to provide the opportunity to experts in the field of power electronics and drives to present their research and development efforts in the field of hardware-in-the-loop, real-time simulations, digital control, and functional safety of power electronics and drives, with emphasis on practical applications. Therefore, researchers involved in the abovementioned research topics are invited to submit their manuscripts and contribute their expertise to this Special Issue.

Guest Editors

Prof. Dr. Miro Milanovic
Prof. Dr. Enric Vidal Idiarte
Prof. Dr. Eric Monmasson

Deadline for manuscript submissions

closed (31 December 2021)



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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

Prof. Dr. Flavio Canavero

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.4 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the second half of 2025).