



an Open Access Journal by MDPI

Challenges and Opportunities in Signal and Power Integrity: Theory and Applications

Guest Editors:

Prof. Dr. Antonio Orlandi

Department of Industrial and Information Engineering and Economics, University of L'Aquila, via G. Gronchi, 18, I-67100 L'Aquila, Italy

Prof. Dr. Francesco de Paulis

Electromagnetic Compatibility and Signal Integrity Laboratory, Department of Industrial and Information Engineering and Economics, University of L'Aquila, 67100 L'Aquila, Italy

Deadline for manuscript submissions:

closed (1 May 2021)

Message from the Guest Editors

Signal and power integrity (SI/PI) are essential and interlaced aspects of contemporary advanced digital and hybrid electronic system design. This Special Issue wishes to offer the opportunity to engineers and scientists to exchange state-of-the-art developments in the field of signal and power integrity applied to any kind of high-speed circuit and system, to the modeling, design, validation, and testing of electronic hardware.

Keywords:

- signal and power integrity
- high-speed digital circuits
- analog circuits
- RF systems
- IC and packages
- materials performance
- signal and power integrity measurements and sensors
- numerical simulations and EDA tools
- electromagnetic interferences
- Artificial Intelligence
- Internet of Things applications

Welcome to publish your excellent work here, fast publication and high visibility!



mdpi.com/si/57915

Special Issue



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Flavio Canavero

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

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), CAPlus / SciFinder, Inspec, Ei Compendex and other databases.

Journal Rank: JCR - Q2 (*Physics, Applied*) / CiteScore - Q2 (*Control and Systems Engineering*)

Contact Us

Electronics Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/electronics
electronics@mdpi.com
[X@electronicsMDPI](https://x.com/electronicsMDPI)