

# Special Issue

## Feature Papers in Microelectronics

### Message from the Guest Editors

Analog, digital, mixed, radio frequency (RF), resonant, radiation-tolerant, low-power, in vivo and other integrated electronic topics are now expanding in the microelectronics market due to increasing global demand. This Special Issue is dedicated to publishing original research (cutting-edge) reviews for the applications of microelectronics in emerging, frontier and challenging technologies. Electronics operating in extreme environments, such as vacuums, space, harsh radiation, extreme cold and other niche applications, are today pushing microelectronic design beyond the frontier of standard electronics. Furthermore, as there is an expanding environment of software tools to facilitate microelectronic design, and to cope with large circuits composed of many hierarchical blocks, vendor IPs, multiclock trees, various physical interfaces of I/O and other specific blocks, the simulation environment is becoming increasingly strategic for integrated circuit (IC) submissions.

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### Guest Editors

Prof. Dr. Alessandro Gabrielli

Prof. Dr. Paul Leroux

Dr. Gianluca Traversi

Prof. Dr. Lodovico Ratti

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### Deadline for manuscript submissions

closed (1 April 2023)



## Electronics

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Impact Factor 2.6  
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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.

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### Editor-in-Chief

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