Emerging Technologies for Security Applications

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Deadline for manuscript submissions:
closed (1 June 2022)

Message from the Guest Editors

In recent years, the security of private and collected data has become a major topic in embedded systems and electronic circuit designs. This Special Issue is dedicated to security aspects linked to emerging technologies and the list of possible topics includes, but is not limited to:

- Challenges and opportunities of new technologies for secure and energy efficient embedded systems.
- Emerging technology-based implementation of cryptographic algorithms.
- Emerging technology-based design, implementation, and evaluation of secure primitives for electronic computing systems.
- Software- and hardware-oriented attacks and evaluation of implementation based on emerging technologies.
- Robustness of emerging devices or circuits against attacks and countermeasures.
- Modeling of attacks in emerging technologies.
- Secure architectures with emerging technologies (processors, microcontrollers, sensor networks, etc.)

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Special Issue

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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.

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