

## Special Issue

# Hardware Intrinsic Security for Trusted Electronic Systems

### Message from the Guest Editors

Hardware-intrinsic security takes advantage of the intrinsic behavior of semiconductor integrated circuits (ICs) to protect the hardware/software applications against new cyberattacks. Research in hardware intrinsic security and assurance (HISA) has recently gained momentum as it provides a unique layer of trust and authentication for emerging smart and life-critical applications. The recently exposed chip vulnerabilities, i.e. Spectre and Meltdown, are striking evidence that hardware intrinsic security is essential to enable trust in the manufactured hardware and chip design. For that, semiconductor integrated circuits (ICs) and embedded devices are designed, fabricated, and assembled at various locations across the globe, involving multiple parties, making them vulnerable to new cyber and physical system attacks. The rapid devolvement of such critical security challenges in the modern supply chain security challenge urges the need for a non-conventional and robust countermeasure against such modern cyberattacks.

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### Guest Editors

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### Deadline for manuscript submissions

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## Electronics

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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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### Editor-in-Chief

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