Emerging Topics in Hardware Security

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

We welcome authors to submit research papers on topics related to hardware-based authentication; encryption and secure boot protocols for resource-constrained embedded systems, on novel side-channel analysis attacks and countermeasures, on PUFs for ICs and printed circuit boards (PCBs) capable of providing security, trust and detection of tamper, on hardware Trojan attacks, analysis, detection methods and countermeasures, on supply-chain authentication and hardware assurance methods, on hardware-based security and trust primitives for RFID (radio frequency identification); IoT; autonomous vehicles; embedded medical; and industrial control; communication and other types of critical infrastructure; and on reverse engineering techniques and countermeasures to protect ICs and IPs through obfuscation and active metering schemes.

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Special Issue