

Special Issue

Cyber Security, Design and Applications in Smart Systems

Message from the Guest Editors

Smart systems are able to sense their environmental context and adapt their behavior as this context changes in order to provide appropriate services to the user in any situation. The IoT is an enabling technology for smart systems, as it makes it possible to turn any object into a smart object that is able to sense its current situation, adapt to new situations, and communicate with other smart objects. There are a growing number of applications emerging from IoT technology. However, smart systems introduce potential vulnerabilities that could impact security. Cyber threat activity against smart systems is increasing globally, and the interconnection of the infrastructures of smart things and smart systems increases the attack surface and heightens the potential consequences of compromise.

- Security and privacy in IoT/cloud computing;
- Cyber security risk assessments/Machine learning mechanisms for smart systems;
- Cloud security risk;
- Incident response and mitigation;
- Threat surface analysis and detection/Protective measures/Cyber attacks/Intrusion detection/prevention systems for smart systems;
- Lightweight and privacy-preserving authentication mechanisms.

Guest Editors

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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.

Editor-in-Chief

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