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RFID and NFC in Secure IoT Scenarios and Applications

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Message from the Guest Editors

Short-range wireless communications are considered one of the pillars of the Internet of Things (IoT). Among the different technologies considered as short range, near field communication (NFC) and radio-frequency identification (RFID), both active and passive, are widely accepted as the most extended techniques for the realization of IoT applications by the end user. Together, they are complementing each other to provide connectivity. RFID is commonly used to automatize inventory in the retail sector whereas NFC can provide this information to ease purchasing processes.

One of the objectives of this Special Issue is to provide a vision of the current situation of proximity solutions. The adoption rate and capabilities are different but, in many cases, a mix of technologies will be the best option.

- Risk assessment in IoT
- Information Security management in IoT
- Trusted Identities, data and infrastructures
- Privacy and confidentiality
- Product traceability and safety
- Forensic data analytics in IoT devices
- Early intrusion detection
- Monitoring of infrastructures
- Open source/low-cost hardware and applications



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Special Issue



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Message from the Editor-in-Chief

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