



Domestic Wireless Sensor Networks

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Deadline for manuscript
submissions:

closed (31 January 2022)

Message from the Guest Editor

Due to their inherent features, wireless sensor networks (WSNs) are undoubtedly a technology that is gaining momentum towards ubiquity, with significant contributions of academia, industry, and standards development organizations. The last few years have seen an explosion of applications based on these technologies in a myriad of domains, notably in healthcare, security and surveillance, smart buildings, home automation, and assisted living. Despite current achievements and advancements, WSNs still face a number of challenges. One of the paramount issues deserving attention is that of resilience enhancement in the context of cyber-attacks and intrusion, which is related to the fact that WSNs are commonly integrated with Internet Protocol and connected to the Internet, giving rise to the so-called Internet of Things paradigm. In addition to security and privacy, computational capabilities, communication throughput, and sustainability cannot be ignored as fundamental challenges towards the consolidation of these invaluable technologies in our daily lives.





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