

Special Issue

Domestic Wireless Sensor Networks

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.

Guest Editor

Dr. Paulo Sousa Gil

Department of Electrical and Computer Engineering, Universidade Nova de Lisboa, Campus de Caparica, Caparica, Portugal

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Editorial Office

MDPI, Grosspeteranlage 5

4052 Basel, Switzerland

Tel: +41 61 683 77 34

jsan@mdpi.com

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Message from the Editor-in-Chief

I encourage you to contribute research and comprehensive review articles for publication in Journal of Sensors and Actuator Networks (JSAN), an international, open access journal which provides an advanced forum for research findings in areas of sensors and actuators. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sensors and actuators and fostering applications of sensor-based measurements and effective actuator incorporation.

Editor-in-Chief

Prof. Dr. Lei Shu

1. College of Artificial Intelligence, Nanjing Agricultural University,
Nanjing 210031, China

2. School of Engineering, College of Science, University of Lincoln,
Lincoln LN6 7TS, UK

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