

## Special Issue

# IoT in Smart Cities and Homes, 2nd Edition

### Message from the Guest Editors

The Internet of Things (IoT) is a unique domain where various technologies converge to deliver novel high-impact smart solutions across various sectors, including digital health, optimized transportation, predictive maintenance, energy efficiency and improved environmental sustainability. IoT is a key enabler for current advancements in complex, dynamic and evolving environments, such as achieving smart homes and large geographical smart city applications. The current advances in IoT capabilities have accelerated creativity and achieved technological solutions that were previously unobtainable. These novel IoT applications deliver high-impact solutions within society, through leveraging a range of key technologies, including smart sensing, long-range and low-power communications, edge computing devices, wearable technologies, cyber security, environmental sensors, big data analysis, machine learning, fog computing and data science and analysis. This Special Issue in MDPI's journal *Applied Sciences* calls for submissions of new ideas, experiments, high-impact advances and findings in IoT applications for smart cities and homes.

### Guest Editors

Dr. Ryan Gibson

Division for Computing, School of Computing, Engineering and Physical Sciences, University of the West of Scotland, High Street, Paisley PA1 2BE, UK

Prof. Dr. Hadi Larijani

SMART Technology Research Centre, School of Computing, Engineering and Built Environment, Glasgow Caledonian University, Glasgow G4 0BA, UK

### Deadline for manuscript submissions

closed (20 April 2025)



## Applied Sciences

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Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[appls@mdpi.com](mailto:appls@mdpi.com)

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### Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo  
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,  
20133 Milano, Italy

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