

## Special Issue

# Intelligent Perception, Application and Security Mechanism in the Internet of Things

### Message from the Guest Editors

This special issue aims to attract contributions with new developments of intelligent perception, application and security mechanisms in the Internet of Things, to enhance the intelligence of the IoT systems. The ultimate goal is to promote research and development of AI technologies for IoT systems by publishing high-quality research articles in this rapidly developing field.

#### Scopes include (but are not limited to) the following:

- Theoretical understanding of AI in the IoT
- Hidden data awareness
- Passive data transmission
- Intelligent data processing
- Multi-sources heterogeneous data fusion
- Security and credibility verification
- Dynamic intelligent perception in complex scenarios
- Intelligent network
- Intelligent application
- Intelligent Indoor and Outdoor Seamless Positioning
- Data privacy in IOT
- Intrusion Detection in IoT systems
- Crowd-sensing and Crowdsourcing

---

### Guest Editors

Dr. Xiaochun Cheng

Department of Computer Science, Middlesex University, London NW4 4BT, UK

Dr. Zheli Liu

College of Cyber Science, Nankai University, Tianjin 300350, China

Dr. Bing Jia

Inner Mongolia University, China

---

### Deadline for manuscript submissions

closed (28 May 2020)



## Applied Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.5  
CiteScore 5.5



[mdpi.com/si/25784](https://mdpi.com/si/25784)

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

[mdpi.com/journal/](https://mdpi.com/journal/)

[appls](https://appls)





# Applied Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.5  
CiteScore 5.5



[mdpi.com/journal/  
applsci](https://mdpi.com/journal/applsci)



## About the Journal

### 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.

---

### Editor-in-Chief

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

---

### Author Benefits

#### Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

#### High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, Inspec, Embase, CAPIus / SciFinder, and other databases.

#### Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering )