Journal of
Sensor and Actuator Networks

an Open Access Journal by MDPI

IMPACT FACTOR 3.3

CITESCORE 7.9

Trends, Issues and Challenges toward 5G and beyond

Guest Editor:

Prof. Dr. Koichi Asatani
College of Electronic Information and Optical Engineering, Nankai University, No.94 Weijin Road, Nankai District, Tianjin, 300071 China
Graduate School of Electrical and Electronic Engineering, Kogakuin University, 1-24-2 Nishishinjuku, Shinjuku, Tokyo, 163-8677 Japan

Deadline for manuscript submissions:
closed (31 July 2019)

Message from the Guest Editor

In the last decade of 20th century, information and communication technologies (ICT) growth was primarily driven by mobile technologies. New mobile generations appeared approximately every 10 years since the first 1G systems (analog) were introduced in 1982. The first 2G systems (first digital) were commercially deployed in 1992, and the 3G systems appeared in 2001. 4G systems were first standardized in 2012. Now, the 5G system is focused and is expected to be more than new access technology. It may mean a new wireless access technology, new core network technology and may support very wide applications, including IoT, such as smart cars, smart cities, in additions to the enhancement of mobile wireless communications.

The Internet has driven ICT growth and has been applied to man-to-man, man-to-machine and machine-to-machine communications. IoT is based on machine-to-machine communications and will be a driver for next generation applications. As such, 5G and IoT are two of vital pivots in the future ICT platform and applications. The goal of 5G is very challenging.

Journal of
Sensor and Actuator Networks

IMPACT FACTOR 3.3

CITESCORE 7.9

an Open Access Journal by MDPI

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

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.
High Visibility: indexed within Scopus, ESCI (Web of Science), dblp, Inspec, and other databases.
Journal Rank: JCR - Q2 (Computer Science, Information Systems) / CiteScore - Q1 (Control and Optimization)

Contact Us

Journal of Sensor and Actuator Networks Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/jsan
jsan@mdpi.com
𝕏@JSAN_MDPI