

Sensors and Materials

Special Issue on IoT Wireless Networked Sensing for Life and Safety

Call for Papers

Recently, the applications of wireless networked sensing (WNS) and the Internet of Things (IoT) have focused on infrastructure monitoring as well as the health and medical care of humans. Furthermore, animal monitoring and nature monitoring are also expected to become targets of IoT owing to the increased risk of natural disasters and pandemics in our modern society. With the aging of the population in most developed countries, remote diagnosis and medical care using wireless sensing technologies have becoming attractive propositions as a means of dealing with insufficient human labor and other social problems.

With the above background, we are inviting authors to submit papers for publication in our Special Issue on IoT Wireless Networked Sensing for Life and Safety. Papers on the following research topics will be particularly welcomed:

- (1) Infrastructure monitoring using WNS
- (2) Natural disaster monitoring devices for use in harsh environments
- (3) Wearable health monitoring devices for humans and animals
- (4) Implantable devices for disease prevention and diagnosis
- (5) Sensors for safety and security
- (6) Wireless charging and energy harvesting for WNS
- (7) AI technology for edge devices
- (8) Related IoT technologies

Scope:

- Health monitoring and medical devices
- Low-power-consumption sensor nodes
- Nature monitoring to prevent natural disasters
- Energy-harvesting devices

Submission due date: August 31, 2021

Publication date (planned): Second half of 2021 or First half of 2022

Journal website: <https://myukk.org/>

Guest Editors: Prof. Toshihiro Itoh (The University of Tokyo) and
Dr. Jian Lu (National Institute of Advanced Industrial Science and Technology)

Submit to: Online Manuscript Submission System (<https://myukk-org.ssl-xserver.jp/form/>)

(Attention)

As stated in Instructions to Authors in the Guidelines, the author(s) will be obliged to pay the publication fee upon the acceptance of the manuscript for publication (for example, JPY 99360 for 10 pages in *Sensors and Materials* format). If the quality of the English of your manuscript does not satisfy the journal standards, the authors should bear the proofreading fee (JPY 10000–30000), which will be charged with the publication fee.

If you have any questions, please feel free to contact the editorial staff at the address below.

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