

SPECIAL ISSUE ON IOT WIRELESS NETWORKED SENSING FOR LIFE AND SAFETY

PREFACE



Recently, the applications of wireless sensor networks (WSNs) and the Internet of Things (IoT) have focused on infrastructure monitoring as well as the safety, health, and medical care of humans. Real-time monitoring of biological information of animals is also extremely important and expected to be an important application of WSNs and IoT for rapid vaccine development, animal health, and so forth, owing to the increased risk of natural disasters and pandemics in our modern society. Furthermore, with the aging of the population in most developed countries, remote diagnosis and medical care using wireless sensing technologies are becoming attractive means of dealing with insufficient human labor and other social problems.



This special issue thus focuses on sensing materials and systems, wireless technologies, and the applications of these technologies, especially for life and safety. This special issue contains five papers on sensing materials and mechanisms, novel algorithms for data analysis and post-processing, sensors and integrated devices for remote medical care, and key technologies for wireless applications.

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