Sensors and Materials

Special Issue on Mobile Computing and Ubiquitous Networking for IoT Society

Call for Papers

Sensors and IoT technologies can be used to enhance our lives and society by combining a wide variety of technologies including mobile computing, networking, algorithms, optimization, AI, cloud and edge computing, human-machine interaction, security, and sensing. To realize reliable mobile systems and applications that support a digital society, a multidisciplinary collaboration between technology and humanity is necessary. In this special issue, we call for pioneering attempts to contribute to the creation of a new digital society through the use of various digital technologies.

Scope:

The topics include, but are not limited to:

- Sensor-assisted Mobile Systems and Applications
- Network and Communications Technologies
- AI Utilization in Mobile and Ubiquitous Computing
- IoT, Smart Cities, and Digital Twins
- Cloud and Edge Computing with Mobile Computing
- Intelligent Mobility and Transportation Systems
- Crowdsourcing and Participatory Sensing
- AI-assisted Social Applications with Mobile Computing
- Trust, Security, and Privacy
- Context and Location-aware Applications and Services
- Sensors and their Applications

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