

Special Issue

AI-Aided Wireless Sensor Networks and Smart Cyber-Physical Systems—2nd Edition

Message from the Guest Editors

As part of modern communication technologies, a variety of sensors are deployed to exchange data between the physical and cyber worlds. In the age of 5G, wireless sensor networks (WSNs) promise to overturn human-machine interactive styles in Internet-of-Things (IoT) and Internet-of-Vehicles (IoV) industries. The integrity of WSNs and emerging technologies (e.g., AI, edge computing, unmanned aerial vehicles (UAVs), intelligent buildings, and smart grids) has also enabled new mobile applications such as virtual reality (VR)/augmented reality (AR), holographic telemedicine, autonomous driving, indoor localization, and crowd behavior identification. On the other hand, cyber-physical systems (CPSs) feature tight coordination between computations and controls via networking communications. However, constructing a paradigm to improve cyber-physical coordination in communications, controls, and computations remains unexplored. Detailed studies of WSNs and CPSs will significantly contribute to developing 5G/AI networking technologies. For detailed information, please visit [here](#).

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Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

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