

Special Issue

Integrating Cloud Computing, Sensing Technologies, and Digital Twins in IoT Applications

Message from the Guest Editors

The Internet of Things (IoT) has revolutionized the way we interact with our environment, creating a seamless network of interconnected devices that collect, process, and exchange data. As IoT applications continue to expand, the need for more sophisticated and holistic approaches to data management and system modelling has become evident. Cloud computing, sensing technologies, and digital twins are opening new frontiers in observing, analyzing, and understanding different environments and human behaviour, with far-reaching implications across various domains. From healthcare and personal wellness to ambient intelligence and smart cities, the applications are diverse and vast. This Special Issue aims to explore the cutting-edge developments in cloud computing, digital twins, and sensing technologies within the IoT context, with a particular focus on their integration to create more intelligent, responsive, and user-centric IoT systems. For more information, please click: mdpi.com/si/7LBUP

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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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