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Recent Advances in IoT Multi Sensors

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Deadline for manuscript submissions:
closed (30 April 2026)

Message from the Guest Editor

Dear Colleagues,

Several research dimensions are associated with this topic, including (but not limited to):

1) Advances in sensor technologies, such as LIDAR and hyperspectral imaging, enable IoT multi-sensors to collect more accurate and detailed data.

2) Sensor fusion, which is the process of combining data from multiple sensors to create a more complete picture of the environment being monitored.

3) Machine learning, which takes advantage of the multiple sensor data on IoT devices to interpret the data for the device's mission,

4) Edge computing, where IoT multi-sensors process and analyse data at the edge of the network, closer to the sensors, rather than in the cloud,

5) Integration: IoT multi-sensors are increasingly being integrated with other devices such as smartphones, smart homes, and industrial automation systems. This allows for more efficient data collection and analysis.

6) Cybersecurity in IoT multi-sensor devices is another important area of research in the field. Recent advances in IoT security technologies, such as blockchain-based solutions and hardware-based security measures, are helping to address these concerns.

Dr. Hassan Chizari
Guest Editor

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Message from the Editor-in-Chief

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