



## Advanced Intelligent Sensor Based on Deep Learning

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Deadline for manuscript  
submissions:  
**closed (1 January 2024)**

### Message from the Guest Editors

Applications of advanced intelligent sensing and sensors are a rapidly developing, interdisciplinary, and challenging field with great practical importance and potential. In particular, when connected to advanced deep learning algorithms, these advances are relevant to enabling smarter and broader new technologies.

Smart sensors use advanced signal processing techniques, sensor fusion methods, feature extraction techniques, and machine-learning/deep-learning algorithms to better understand sensor data, better integrate sensors, and better extract features to form measures that can be used in intelligent sensing applications. The goal of this Special Issue is to publish both recent innovative research results, as well as review papers on the Smart sensor applications.

Potential topics include, but are not limited to, the following:

- Smart sensors with ambient computing systems
- Smart health systems
- Smart sensors for sustainable systems
- Electric nose applications based on smart sensors
- Smart sensors with automation
- Intelligent control systems
- Blockchain based systems
- Smart power system
- Supply chain systems





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## Message from the Editor-in-Chief

*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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