

## Special Issue

# Soft Sensors and Sensing Techniques (2nd Edition)

### Message from the Guest Editor

This Special Issue aims to introduce all types of soft sensors and sensing techniques, including manufacturing methods, materials, and applications in various fields such as virtual reality interfaces, health care systems, motion capture systems, fault detection, and diagnosis. We would like to invite researchers to contribute their original research and qualified reviews related to this topic. The potential topics include, but are not limited to, the following:

- Soft sensors;
- Innovative sensing methodologies;
- Soft robotics;
- Soft actuators;
- Soft materials/composites for sensor/sensing and detection;
- Stretchable sensors;
- Flexible sensors;
- Skin patch sensor/sensors printed on the skin;
- Novel manufacturing techniques of soft sensors;
- Soft sensors for motion capture and analysis;
- Soft sensors in the intelligent process industry;
- Multi-sensor data fusion for soft sensing;
- Applications in fault detection and diagnosis and monitoring of complex processes;
- Applications in state estimation, control, and optimization;
- Applications in process analytical technology (PAT), manufacturing, chemical-, bio-, pharmaceutical-, oil-, and process engineering;
- Machine learning/AI;
- Self-powered sensors.

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### Guest Editor

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### Deadline for manuscript submissions

31 August 2026



## Sensors

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## About the Journal

### 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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### Editor-in-Chief

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