

Special Issue

Computational Intelligence in Data-Driven Soft Sensors: Current Methodologies and Practical Applications

Message from the Guest Editors

The application of computational intelligence (CI) to data-driven sensors is a hot topic, as shown by the following (non-exhaustive) list of issues, which is composed of different CI applications to sensor systems reported since 2020:

- autonomous vehicles
- motion assessment, accelerometric data
- energy optimized sensors and computational sustainability
- condition monitoring and anomaly detection
- power quality and energy management
- wireless sensors and actuators
- batteries and fuel cells
- aerial vehicles and image processing
- iot, cyber-physical systems, edge devices
- smart grids, smart cities
- biomedical and health care
- emotion sensing

The Special Issue will publish original research, reviews and applications in the field of computational intelligence techniques (fuzzy logic, artificial neural networks, evolutionary computing, learning theory and probabilistic methods) applied to data-driven sensor systems.

Guest Editors

Prof. Dr. Luciano Sánchez

Prof. Dr. Daniel Álvarez Mántaras

Prof. Dr. Pablo Luque Rodríguez

Deadline for manuscript submissions

closed (31 January 2022)



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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.

Editor-in-Chief

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