

Special Issue

Computational Intelligence Techniques for Sensor Data Analysis

Message from the Guest Editor

The rapid evolution of modern data acquisition technologies, progress in communication systems, and advances in multichannel signal processing have created a strong motivation for applying general mathematical methods across diverse fields. The availability of extensive datasets, together with the development of artificial intelligence techniques, enables the use of unified approaches to address a wide range of problems in biomedicine, neurology, rehabilitation, engineering, and remote data processing. This Special Issue is dedicated to exploring the interconnection between sensor systems and artificial intelligence for tasks such as analysis, adaptive signal processing, classification, and prediction of multichannel and multidimensional signals derived from various applications. Its primary aim is to foster collaboration and build bridges among specialists from different research domains.

Guest Editor

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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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