Special Issue

Computational Intelligence and Cyberphysical Systems in Sensing

Message from the Guest Editor

The Special Issue covers the exciting emerging areas of computational intelligence and cyber physical systems that are at the core of innovative sensing and data capturing for the modeling of physical and virtual worlds, encompassing industrial applications and social systems via increasingly autonomous systems that combine breakthrough physical electromechanical designs, data processing and artificial intelligence. Topics for the Special Issue include improved control of nonlinear systems, applications in precision agriculture, analysis of medical imaging data for improved diagnosis assistance of dementia- and neural-based diseases, image and signal processing in human activity monitoring, social network content control for fake news and disinformation spread countenance, industrial process anomaly prediction and management via digital twins, advanced cognitive systems for new generation robotic systems that combine perception and intelligence in innovative ways.

Guest Editor

Prof. Dr. Manuel Graña

Computational Intelligence Group, Department of CCIA, University of the Basque Country, 20018 San Sebastian, Spain

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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

Prof. Dr. Vittorio M. N. Passaro
Dipartimento di Ingegneria Elettrica e dell'Informazione (Department of Electrical and Information Engineering), Politecnico di Bari, Via Edoardo Orabona n. 4, 70125 Bari, Italy

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