

Special Issue

Complex Data Processing Systems and Computing Algorithms: New Concepts and Applications

Message from the Guest Editors

This Special Issue aims to collect high-quality timely contributions at the interface between modern data acquisition systems and new computing frameworks that are used to build and deploy intelligent integrated systems. This requires expert knowledge in various sub-domains that include, but are not limited to: advanced information technologies in environmental sciences, advanced instrumentation and data acquisition systems, advanced mathematical methods for data acquisition and computing systems, computational intelligence for instrumentation and data acquisition systems, computer systems for healthcare and medicine, data analysis and modeling, embedded systems, intelligent distributed systems and remote control, intelligent instrumentation and data acquisition systems in advanced manufacturing for Industry 4.0, Internet of Things, pattern recognition, digital image and signal processing, virtual instrumentation systems, 5G network technologies and security, advanced automatic control and information technology, intelligent robotics and sensors, machine learning, smart building and smart city systems, wireless systems, cyber-physical systems, and IoT dependability and resilience.

Guest Editors

Dr. Grigore Stamatescu

Prof. Dr. Anatoliy Sachenko

Dr. Anna Romańska-Zapała

Deadline for manuscript submissions

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Sensors
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sensors@mdpi.com

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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.

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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