



Machine Learning and Intelligent Optimization Data Aggregation in Internet of Things

Guest Editors:

Dr. Pei-Wei Tsai

Department of Computer Science and Software Engineering, Swinburne University of Technology, Mail No. H39, P.O. Box 218, Hawthorn, VIC 3122, Australia

Prof. Dr. Timos Sellis

Department of Computer Science and Software Engineering, Swinburne University of Technology, Hawthorn VIC 3122, Australia

Prof. Dr. Dimitrios Georgakopoulos

Key IoT Lab, Swinburne University of Technology, John St, Hawthorn, VIC 3122, Australia

Deadline for manuscript submissions:
closed (31 January 2021)



mdpi.com/si/33643

Message from the Guest Editors

Dear Colleagues,

Machine Learning (ML) and Intelligent Optimization are two of the most advanced fields in data science benefiting from the modern computational facilities. The intelligent optimization technology is now capable of operating with large population and multigroup structures for handling large-scale of data.

The Internet of Things (IoT) is the latest Internet evolution that incorporates billions of Internet-connected devices that range from cameras, sensors, RFIDs, smart phones, and wearables, to smart meters, vehicles, medication pills, signs and industrial machines.

The MDPI Sensors solicits paper submissions and aim to bring together researchers and application developers working on the intersection of ML, optimization, and IoT with next-generation sensor development, distributed, cloud, internet, mobile, ambient, semantic, real-time, secure and privacy-preserving computing. The Special Issue seeks to compile original contributions that have not been published previously or already submitted to other conferences or journals.

For more information, please visit: mdpi.com/si/33643.

Dr. Pei-Wei Tsai
Prof. Dr. Timos Sellis
Prof. Dr. Dimitrios Georgakopoulos

Special Issue



sensors



an Open Access Journal by MDPI

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

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.

Author Benefits

Open Access : free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High Visibility: indexed within [Scopus](#), [SCIE \(Web of Science\)](#), [PubMed](#), [MEDLINE](#), [PMC](#), [Ei Compendex](#), [Inspec](#), [Astrophysics Data System](#), and [other databases](#).

Journal Rank: JCR - Q2 (*Chemistry, Analytical*) / CiteScore - Q1 (Instrumentation)

Contact Us

Sensors Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/sensors
sensors@mdpi.com
[X@Sensors_MDPI](#)