







an Open Access Journal by MDPI

Multimodal Sensing Technologies for IoT and AI-Enabled Systems

Guest Editors:

Dr. Emmanouil Tsardoulias

School of Electrical and Computer Engineering, Aristotle University of Thessaloniki, 54124 Thessaloniki, Greece

Prof. Dr. Charalampos Dimoulas

Laboratory of Electronic Media, School of Journalism and Mass Communications, Aristotle University of Thessaloniki, 54124 Thessaloniki, Greece

Prof. Dr. Andreas L. Symeonidis

School of Electrical and Computer Engineering, Aristotle University of Thessaloniki, 54124 Thessaloniki, Greece

Deadline for manuscript submissions:

20 November 2024

Message from the Guest Editors

todav's world. multimodal data and sensing technologies have emerged as crucial components within the Internet of Things (IoT) and Artificial Intelligence (AI) paradigms, influencing multiple fields from healthcare to industry, media, education, robotics, transportation, environmental monitoring, shaping broader multidisciplinary research and application projects. Time-, location- and contextual awareness, integrating IoT with AI has given birth to enhanced smart systems capable of performing complex tasks autonomously, contributing to the development of intelligent societies. This special issue aims to bring together cutting-edge research and the latest advancements in multimodal sensing technologies, IoT, and Al-enabled systems, combining imaging applications, audiovisual reaction monitoring, and broader sensing technologies (e.g., temperature, humidity, air pollution, interaction recording, etc.), thus forming multimodal fusion decision systems. The proposed special issue makes an excellent match to the objectives of the Sensors journal while also aligning perfectly with its multidisciplinary nature.













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 (*Instruments & Instrumentation*) / CiteScore - Q1

(Instrumentation)

Contact Us