

## Special Issue

# Embedded Systems for AI-Based Health Monitoring in Cyber Physical Systems

### Message from the Guest Editors

This Special Issue aims to promote the most recent technical advances in all relevant aspects. Topics of interest to this Special Issue include, but are not limited to, the following topics:

- AI-based health monitoring system architecture;
- Control optimization of sensors and robots in next generation health monitoring CPSs;
- Machine learning and AI algorithms in health monitoring;
- Data mining and analytics;
- Model-based design and verification of embedded systems in demanding health monitoring environments;
- New low-power platforms and sensors for health monitoring;
- Mobile and cloud computing for robotic systems in AI/ML-based health monitoring environments leveraging embedded systems;
- Wired and wireless communication technologies in AI-based health monitoring;
- Performance/power optimization through hardware accelerators and components;
- Signal processing and fusion for complex AI/ML-based health monitoring environments;
- Practical application-oriented system design for embedded systems in AI/ML health monitoring;
- Security and privacy for next generation AI/ML-based health monitoring.

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### Guest Editors

Dr. Christos Antonopoulos

Prof. Dr. Nikolaos Voros

Dr. Georgios Keramidas

Dr. Aris Lalos

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### Deadline for manuscript submissions

closed (30 September 2024)



## Sensors

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## About the Journal

### 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.

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### Editor-in-Chief

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