

## Special Issue

# Smart Sensors for Critical Systems

### Message from the Guest Editors

Critical systems are progressively being considered in diverse fields of applications, using smart technologies with increasing levels of integration between the sensor information acquisition, signal-level processing, and high-level semantic learning, analysis, and understanding.

The Internet of Things, smart environments and autonomous vehicles, are driving worldwide research in critical systems to increase safety, privacy, and hazard prevention, based on low-power sensors and networks, with artificial intelligence embedded in integrated devices and powerful edge computing capabilities that can handle massive amounts of captured data with low delay tolerance and high accuracy.

This Special Issue invites prospective authors to submit innovative research, new critical application scenarios and results, crossing from sensor data acquisition to system intelligence that is able to learn from data and provide advanced analysis and automatic semantic understanding.

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### Guest Editors

Prof. Dr. Pedro A.A. Assuncao

Dr. Luis Conde Bento

Dr. Hugo Costelha

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### Deadline for manuscript submissions

closed (31 December 2021)



## Sensors

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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.

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### Editor-in-Chief

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