Special Issue

Intelligent Sensing Technologies in Structural Health Monitoring

Message from the Guest Editors

Intelligent sensing technologies have been widely adopted in the field of structural health monitoring of various constructions, providing adequate information of objects and powerful computational and analytical methods for the monitoring of tunnels, bridges, subways, and many other kinds of constructions. Different scientific communities have paid great attention to this topic because it promotes a deep understanding of structure monitoring and, thus, plays an important role in the development of intelligent monitoring technologies. This Special Issue aims to synthesize the state of the art in intelligent sensing, multisensor measurements, artificial intelligence, structural health monitoring, laser-based measurements, machine vision, deep learning, and deformation analyses. We hope to showcase the impact of the intelligent monitoring of modern constructions and strengthen the academic exchange in the field of intelligent monitoring methods and applications.
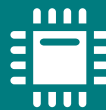
Guest Editors

Prof. Dr. Xiangyang Xu

Prof. Dr. Hao Yang

Dr. Yi Zhang

Dr. Vittorio Memmolo

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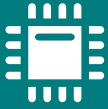
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Message from the Editor-in-Chief

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.

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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