



an Open Access Journal by MDPI

Smart Manufacturing: Advances and Challenges

Guest Editors:

Prof. Dr. Hilde Perez

Department of Mechanical, Computer and Aerospace Engineering, University of Leon, 24071 Leon, Spain

Dr. Javier Díez-González

Department of Mechanical, Computer and Aerospace Engineering, University of Leon, 24071 Leon, Spain

Prof. Dr. Rubén Álvarez

Department of Mechanical, Computer and Aerospace Engineering, University of Leon, 24071 Leon, Spain

Deadline for manuscript submissions: closed (30 June 2022)

Message from the Guest Editors

Dear Colleagues,

The COVID-19 crisis of 2020 has shown the necessity to strengthen our industrial sector, enhancing its resilience and flexibility in order to reduce dependencies on other countries. Digital transformation seems inevitable and the only way to improve the production system. It appears crucial to master digital-enabling technologies in order to improve production efficiency. However, digital transformation is just beginning.

This has encouraged scientists and researchers to contribute to advanced techniques in the field of artificial intelligence applied to manufacturing processes, industrial applications of the Internet of Things, industrial sensor networks, collaborative robots, augmented reality in industrial environments, and many more.

This Special Issue focuses on recent advances and new challenges in smart manufacturing. We welcome original research contributions and reviews of state-of-the-art studies from academia and industry.

For more information, please click: mdpi.com/si/71067



Specialsue





an Open Access Journal by MDPI

Editor-in-Chief

Message from the 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

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