

Special Issue

Computer-Integrated Manufacturing in Industry 4.0

Message from the Guest Editors

Industry 4.0 is the fourth iteration of industrialization with cyber-physical production systems becoming a reality. It has evolved around the principles of compatibility among all devices and machines with the ability to communicate and coordinate with each other.

Transparency in the technology starts from the creation of a digital copy of the product, including the collection of data and its storage methods. This transition is supported by the software and analysis mechanism, visualizes sensor data, and automatically makes a decision or helps a person with decision making. This support can also develop to completely replace humans with machines during dangerous or routine operations. The aim is to decentralize management decisions and automate various solutions by systems with minimal human involvement.

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Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guestedited by leading experts in selected topics of interest.

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