Special Issue

Industry 4.0: Integrating Advanced Manufacturing Technologies, Artificial Intelligence, and Contemporary Information Technology

Message from the Guest Editors

Industry 4.0 includes IoT, big data analysis, artificial intelligence, machine learning, real-time data processing, smart manufacturing, machine-to-machine communication, digitization, additive manufacturing, enterprise resource planning, and cyber-physical systems. Industry 4.0 spans across the complete product lifecycle, including supply chain, inventory management, customer feedback, quality, recycling, etc. The articles in this Special Issue on "Industry 4.0: Integrating Advanced Manufacturing Technologies, Artificial Intelligence, and Contemporary Information Technology" will present cutting-edge developments in research that either make use of the concept of Industry 4.0 and one of its main pillars, smart manufacturing, or demonstrate the advancements in these fields with improved frameworks and applications of modern technologies in manufacturing.

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