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Measurement Applications in Industry 4.0

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Deadline for manuscript
submissions:

closed (10 April 2023)

Message from the Guest Editors

Industry 4.0 identifies a new smart factory paradigm, which is based on the use of innovative digital technologies and aims at improving sustainability, efficiency, yield, and profit. A key role in Industry 4.0 is played by smart equipment, namely internet connected devices capable of transmitting information between each other and to the Cloud. Topics include but are not limited to the following:

- Human-Robot Interactions in Smart Industry
- Sensor Data Fusion and IoT for Industrial Applications
- Protecting IoT Sensor Network And Industry 4.0
- Smart Measurement System and Method for the Industry 4.0 environment
- Electrical Systems for Industry 4.0
- Wearable Sensing System for Industry 4.0 Inspection and Control
- Measurement Science and Design for Additive Manufacturing
- New Sensors and Applications for IoT and Industry 4.0
- Thermal and Mechanical Measurement for Predictive Maintenance
- Unmanned Vehicles in Industry 4.0
- 5G for Industry 4.0
- Uncertainty in the Area of Industry 4.0
- Industrial Artificial Intelligence and Machine Learning
- Wireless Sensor Network for Industrial Environment
- Augmented and Virtual Reality in the Smart Factory



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Special Issue



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Message from the Editor-in-Chief

Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

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