

## Special Issue

# Industrial Internet of Things: Emerging Trends in the Domain of Manufacturing and Energy Management

### Message from the Guest Editor

This Special Issue intends to provide a comprehensive overview of the most recent and promising advancements in IIoT. Submissions are expected to cover the current state of the art and highlight the remaining challenges and barriers to the development of intelligent IIoT solutions aimed at addressing the emerging needs of the manufacturing and energy management sector. Potential topics include but are not limited to the following:

- predictive or even prescriptive maintenance solutions based on AI and machine learning;
- intelligent and resilient approaches to preserving safety and security of the manufacturing/power plant considered as a critical infrastructure;
- intelligent IIoT solutions integrating measurements coming from additive sensors that are external to the Manufacturing Execution System (MES) of the considered plant;
- innovatively distributed control protocols applied to IIoT scenarios (e.g., drone swarms or teams of unmanned ground vehicles equipped with computer vision technologies for surveillance, control and inspection of critical infrastructures);
- promoting the digital twin of power and water infrastructures based on the IIoT paradigm.

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### Guest Editor

Dr. Lorenzo Ricciardi Celsi  
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### Deadline for manuscript submissions

closed (20 April 2022)



## Energies

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## About the Journal

### 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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### Editor-in-Chief

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