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Digital Twins, Industry 4.0 and Energy Management

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Deadline for manuscript submissions:
19 December 2024

Message from the Guest Editors

We are pleased to announce a call for papers for a Special Issue focusing on "Digital Twins, Industry 4.0, and Energy Management" in *Energies*, an open access journal committed to innovative research across various domains of energy.

While Industry 4.0 and digital twin technologies have made significant strides in the manufacturing and building sectors, their application in the field of energy remains underexplored. This Special Issue aims to bridge this gap and present comprehensive insights into the intersection of digital twin technology, Industry 4.0, and energy management. Considering the global emphasis on sustainable energy transition and decarbonisation, there is a compelling need to understand how these digital technologies can contribute to more efficient and sustainable energy systems. This Special Issue aims to fill this research gap and aligns with the commitment of *Energies* to publishing detailed experimental, numerical, and theoretical work.

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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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