

Special Issue

Industrial IoT Infrastructure for Smart Buildings and Cities

Message from the Guest Editors

The Industrial Internet of Things (IIoT) is one of the leading application domains of the Internet of Things (IoT) and a driving application area for information and communication systems. The recent efforts of Industry 4.0 and the Industrial Internet Consortium (IIC) demonstrate the importance of the IIoT. [.....] In the context of the Special Issue, paper submissions related to the application of the Industrial Internet of Things are welcome, especially in the smart buildings and smart cities domains. The purpose is to contribute to the wider literature offering a holistic consideration of the convergence of cyberphysical systems and the Industrial Internet of Things. For more details, please visit

https://www.mdpi.com/journal/buildings/special_issues/IIoT_Smart_Buildings_Cities

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Deadline for manuscript submissions

closed (30 September 2022)



Buildings

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Impact Factor 3.1
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About the Journal

Message from the Editor-in-Chief

Current urban environments are home to multi-modal transit systems, extensive energy grids, a building stock, and integrated services. Sprawling neighborhoods are composed of buildings that accommodate living and working quarters. However, it is expected that the cities and communities of the future will face complex and enormous challenges, including maintenance, interconnectivity, resilience, energy efficiency, and sustainability issues, to name but a few. A smart city uses advanced technologies and a digital infrastructure to improve the outcomes in every aspect of a city's operations. A smart building optimizes the experience of occupants, staff, and management by using a modern and connected environment. Innovations in technology that can bring dramatic improvements to design, planning, and policy are critical in developing the cities and buildings of the future.

Editor-in-Chief

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 14.9 days after submission; acceptance to publication is undertaken in 2.7 days (median values for papers published in this journal in the first half of 2025).