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Energy-Aware Networks for Industrial Internet of Things (IIoT)

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Message from the Guest Editor

Recently, the emerging class of IoT enabled industrial production systems, called the Industrial IoT (IIoT), paves the way for novel operational efficiency and economic benefits to revolutionize system installation and monitoring in industries such as manufacturing, logistics, oil and gas, aviation and others.

However, the IIoT is still in the early stages and significant challenges need to be overcome for the IIoT to become a reality. Examples of such challenges include novel design of topological structures for large scale industrial IoT, time-critical applications and priority-critical data transmission, the heterogeneity and reliability of smart devices with different radio links such as Bluetooth, Wi-Fi, and 5G/6G, the high energy consumption of IIoT devices and the routing in real time for large industrial systems.



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Special Issue



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Message from the Editor-in-Chief

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