

Special Issue

Internet of Things for Smart Grid

Message from the Guest Editors

Smart grid is a revolution in the energy sector in which the aging utility grid will be replaced with a grid that, among other features, integrates advanced control algorithms for teleoperations, incorporates distributed energy resources, and supports two-way communication between customers and the utility company. The Internet of Things (IoT) is the enabling technology for the realization of smart-grid functions and services. Machine learning algorithms are used at the cloud and edge devices to process the data gathered by distributed sensors. This Special Issue is devoted to Internet of Things technology for smart grids. We seek original papers with novel research contributions in all aspects of design, analyses, algorithms, architecture, and implementation of smart grids using IoT technology.

Guest Editors

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Prof. Dr. Ahmed Abdelgawad

Prof. Dr. Hannu Tenhunen

Deadline for manuscript submissions

closed (30 September 2023)



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Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guestedited by leading experts in selected topics of interest.

Editor-in-Chief

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