

Special Issue

Applications of IoT and Cloud Computing in Smart Grids

Message from the Guest Editors

We are on the verge of the so-called fourth industrial revolution. Recent advances in cyber-physical systems are enabling the acquisition, delivery, and analysis of increasingly large volumes of data. In this Special Issue, we aim at bringing together researchers and practitioners from the field of smart grids to showcase state-of-the-art cyber-physical solutions to current challenges in smart grid analytics. These should cover the full spectrum of hardware (sensors, networks), software (middleware, platforms, applications), and data (storage, privacy, security) aspects for fast scalable data analytics involving the entire cyber-physical stack, from IoT to cloud systems. We, therefore, invite contributors to present their models, frameworks, and applications with a focus on hybrid IoT/cloud computing for smart grids with all its challenges.

Guest Editors

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Prof. Dr. Yogesh Simmhan

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Dr. Mayank Malik

Deadline for manuscript submissions

closed (30 June 2022)



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About the Journal

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 guest-edited by leading experts in selected topics of interest.

Editor-in-Chief

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