Special Issue

Technologies Enabling Smart Grid in Distribution Networks and Microgrids 2.0

Message from the Guest Editors

The aim of this Special Issue is to investigate emerging technologies, which are required in the design and implementation of future smart grids.

This issue welcomes theoretical papers, methodological studies, and empirical research on the design and implementation of smart grids, concerning (but not limited to) the application of: Information and communication technologies, smart meters and sensors, phasor measurement units, innovative protection and control systems, energy management systems for active networks, microgrids, and e-mobility, and systems and frameworks for demand response management.

Guest Editors

Dr. Emilio Ghiani

Dipartimento di Ingegneria Civile e architettura, University of Catania, 09123 Catania, Italy

Dr. Paolo Attilio Pegoraro

Department of Electrical and Electronic Engineering, University of Cagliari, 09123 Cagliari, Italy

Deadline for manuscript submissions

closed (31 October 2022)



Inventions

an Open Access Journal by MDPI

Impact Factor 1.9 CiteScore 4.9



mdpi.com/si/61119

Inventions Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 inventions@mdpi.com

mdpi.com/journal/ inventions





Inventions

an Open Access Journal by MDPI

Impact Factor 1.9 CiteScore 4.9



inventions



About the Journal

Message from the Editorial Board

The unique journal *Inventions* is different from all other journals. Many scholars spend their lives publishing research papers in many different journals, but most of these journals do not help scholars collate and analyze their results or assist in promoting them to a relevant industry. However, *Inventions* will help authors not only to publish their papers in the journal, but also to promote their research results to industry and assist them in realizing the purpose of technology transfer. In the future, *Inventions* will help authors to evaluate their technology license fees based on the valuation theory and approaches and also help authors to show their patents and technologies on a network transaction platform.

Editors-in-Chief

Prof. Dr. Chien-Hung Liu Department of Mechanical Engineering, National Chung Hsing University, 250 Kuo Kuang Rd., Taichung 402, Taiwan

Prof. Dr. Shoou-Jinn Chang Department of Electrical Engineering, National Cheng Kung University, Tainan 701, Taiwan

Author Benefits

High Visibility:

indexed within Scopus, ESCI (Web of Science), Inspec, Ei Compendex and other databases.

Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 21.8 days after submission; acceptance to publication is undertaken in 2.9 days (median values for papers published in this journal in the first half of 2025).