# **Special Issue**

# Recent Advances in Electricity Economics

# Message from the Guest Editors

This Special Issue is being launched with the aim of reviewing the economic effects of the adoption of different initiatives (dismantling coal, nuclear, or conventional generation plants; electric-car deployment: the development of power electronics; selfconsumption: renewable energy integration: CO2 prices (ECTS); changes in consumer habits; big-data applications, etc.) in various aspects, both in the electricity markets (day ahead and ancillary services) and in the rest of the energy markets (gas and coal), and the environmental impacts on emission levels and ECTS prices, as well as, from a macroeconomic point of view regarding economic growth, the overall efficiency of the system and unemployment rates. Topics welcome to this Special Issue include but are not restricted to the following:

- Economic analysis
- Electricity markets
- Environment
- Renewables
- Grid integration
- Electric vehicles
- Demand electrification

#### **Guest Editors**

Prof. Dr. Angel Arcos-Vargas

Department of Industrial Engineering and Management Science, University of Seville, 41004 Sevilla, Spain

Dr. Fernando Núñez

Department of Industrial Engineering and Management Science, University of Seville, 41004 Sevilla, Spain

## Deadline for manuscript submissions

closed (15 November 2022)



# **Electricity**

an Open Access Journal by MDPI

Impact Factor 1.8 CiteScore 5.1



mdpi.com/si/78697

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

mdpi.com/journal/ electricity





an Open Access Journal by MDPI

Impact Factor 1.8 CiteScore 5.1



# **About the Journal**

# Message from the Editor-in-Chief

#### **Editor-in-Chief**

Prof. Dr. Andreas Sumper CITCEA-UPC, Department of Electrical Engineering, Universitat Politecnica de Catalunya, 08028 Barcelona, Spain

## **Author Benefits**

# **High Visibility:**

indexed within ESCI (Web of Science), Scopus, EBSCO and other databases.

# **Rapid Publication:**

manuscripts are peer-reviewed and a first decision is provided to authors approximately 26 days after submission; acceptance to publication is undertaken in 5.5 days (median values for papers published in this journal in the first half of 2025).

## **Journal Rank:**

CiteScore - Q2 (Electrical and Electronic Engineering)

