

## Special Issue

# Power Scheduling System for Electric Vehicles and Unmanned Aerial Vehicles

### Message from the Guest Editors

The collection scope encompasses various topics related to power scheduling for EVs and UAVs. Key areas of interest include:

- Advanced algorithms and models for dynamic power scheduling;
- Integration of EVs and UAVs with smart grids and renewable energy sources;
- Charging schemes and infrastructures for EVs and UAVs;
- Energy storage solutions and their optimization;
- Impact of power scheduling on battery life and performance;
- Real-time data analytics and machine learning applications in power management;
- Security and resilience measures for power scheduling systems;
- Case studies and practical implementations of power scheduling systems;
- Regulatory and policy considerations for the deployment of power scheduling systems;
- Interoperability standards and frameworks for EVs and UAVs

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### Guest Editors

Dr. Liuwang Kang

Dr. Shiwei Xu

Dr. Yalong Wu

Dr. Shuo Zhang

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### Deadline for manuscript submissions

15 August 2025



## Electronics

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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.

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### Editor-in-Chief

Prof. Dr. Flavio Canavero

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