



Cybersecurity for Smart Power Systems and Transmission Networks

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Deadline for manuscript
submissions:

15 May 2025

Message from the Guest Editor

Dear Colleagues,

In an era where the integration of advanced technologies into power systems is transforming the energy landscape, cybersecurity has become a critical concern. Smart power systems and transmission networks are increasingly reliant on digital technologies, such as sensors, communication networks, and data analytics, to enhance operational efficiency, reliability, and flexibility. While these innovations offer numerous benefits, they also introduce new vulnerabilities and threats that can compromise the integrity, availability, and confidentiality of critical infrastructure.

Topics of interest include, but are not limited to, the following:

- Cybersecurity Threats and Vulnerabilities in Smart Power Systems;
- Risk Assessment and Management for Transmission Networks;
- Intrusion Detection and Prevention Systems;
- Secure Communication Protocols and Architectures;
- Data Integrity and Protection;
- Incident Response and Recovery Strategies;
- Regulatory and Compliance Issues;
- Integration of Machine Learning and AI in Cybersecurity





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Message from the Editor-in-Chief

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