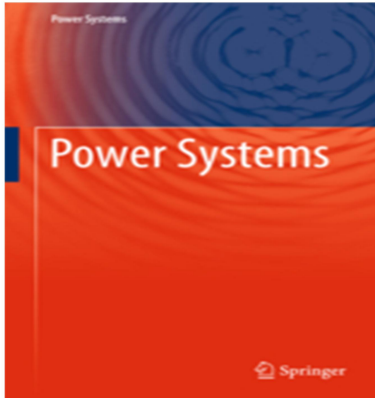


Call for Chapters

AI-powered IoT in the Energy Industry

Digital Technology and Sustainable Energy



Energy is defined to perform work, whereas power is the rate at which that energy is delivered. Its use or consumption is frequently used as a proxy for one's standard of living. To make life easier and convenient, we use energy in the different forms like firewood, natural gas, electricity and many more. In order to develop cost effective, intelligent, and productive renewable energy solutions, advanced energy systems will require technology like artificial intelligence and the Internet of Things. In this book, advanced technology like AI and IOT are used to facilitate energy analysis development. This book is the most up-to-date source of information on AI and IOT and how they are used in energy systems. This book is designed for a wide range of audiences, from undergrads to academics and researchers working in the field of energy system study and performance prediction.

Important Dates:

Abstract Submission:

10 July 2021

Abstract Acceptance:

20 July 2021

Full chapter submission:

30 October 2021

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Camera Ready Submission :

10 December 2021

List of Topics:

- AI and ML towards Sustainable solar energy
- AI and intermittency management of renewable energy
- AI impact on Energy and utilities
- Energy intelligence – The Smart Grid perspective
- IoT towards leveraging renewable energy
- IoT contribution in construct of green energy
- IoT, Smart Grids and Bigdata – renewable energy insights
- IoT infrastructure to energize Electromobility
- Building Sustainable charging infrastructure – smart solutions
- Biomass Renewable energy: Introduction and application of AI and IOT
- Modernization of Rural Electric infrastructure
- AI and IoT in improving resilience of Smart Energy infrastructure
- Empowering Renewable Energy using Internet of Things
- Role of Artificial Intelligence in renewable energy
- IOT and sustainable energy system: Risk and opportunity
- Powering the Geothermal energy with AI, IOT, and ML

Submission link:

<https://easychair.org/conferences/?conf=aideidtses2021>.

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