Compendex • Conference proceeding (CP)

2025 International Conference on Electrical Automation and Artificial Intelligence, ICEAAI 2025

***2025 International Conference on Electrical Automation and Artificial Intelligence, ICEAAI 2025*, 2025**

Accession number
20251818344464

Publisher
Institute of Electrical and Electronics Engineers Inc.

ISBN-13
9798331506797

Abstract

The proceedings contain 265 papers. The topics discussed include: a multi-dimensional view of the differences in accounting for emission factors in the Chinese power grid-based on spatio-temporal and emission boundary characteristics; optimizing wind energy integration in power systems: policy impacts and unit commitment analysis for decarbonization; comparison study of carbon footprint of different transformer models in low-voltage distribution networks; multi-timescale loss reduction optimization study of distribution network considering flexible charging of electric vehicles; optimization model for comprehensive energy grid consumption capacity under health monitoring; operation optimization of micro-grid group sharing energy storage based on game theory; and offshore wind power transmission planning considering extreme weather scenarios.

Conference Information

Conference name: 2025 International Conference on Electrical Automation and Artificial Intelligence, ICEAAI 2025

Conference date: January 10, 2025 - January 12, 2025

Conference location: Guangzhou, China

Sponsor: IEEE

Conference code: 208306

Bibliographic Information

Issue date: 2025

Publication year: 2025

Language: English

Part number: 1 of 1

Abbreviated source title: Int. Conf. Electr. Autom. Artif. Intell., ICEAAI

Issue title: 2025 International Conference on Electrical Automation and Artificial Intelligence, ICEAAI 2025

Page count: 1472

Abstract type: (Edited Abstract)

Related documents

Journals

Through the Looking Glass?The 2025 Edition: Trends in solid-state circuits from ISSCC
Mirabbasi, S.; Fujino, L.C.
(Winter 2025) *IEEE Solid-State Circuits Magazine*
Database: *Inspec*

Artificial intelligence-based conference automation system involving image recognition
Nair, R.R.; Krishnapriya, R.; Prineetha, R.
(2024) *International Journal of Engineering Systems Modelling and Simulation*
Database: *Inspec*

Artificial intelligence for accurate classification of respiratory abnormality levels using image-based features and interpretable insights
Zeng, W.; Shan, L.; Wang, Q.; Liu, F.; Wang, Y.; Yuan, C.; Du, S.
(Feb. 2025) *Applied Soft Computing*
Database: *Inspec*

View all journals

Conferences
Articles in Press
Book Chapters
Standards
Preprints

View all related documents