

# ICEF

International Conference on  
Electrical Facilities and  
informational technologies 2023

# 2023

**“New Intelligence Technology :  
Past, Present and Future”**

**August 22(TUE) – 25(FRI), 2023**  
**Almaty University of Power Engineering  
and Telecommunications, Kazakhstan**

## I Overview I

Date	August 22 – 25, 2023
Venue	Almaty University of Power Engineering and Telecommunications, Kazakhstan
Conference Type	Hybrid(Virtual+Offline)
Web Site	<a href="http://www.icef2023.org">www.icef2023.org</a>
Organized by	KIEE EF(KIEE Electrical Facilities Society) , AUPET

## I Welcome to ICEF 2023 I

The International Conference on Electrical Facilities and information technologies 2023(ICEF2023) is an annual event co-sponsored by the above two institutions with the aim to provide an international platform for electrical Facilities and experts for sharing information and addressing issues in multifaceted fields of electrical Facilities and information technologies

The ICEF2023 would like to invite prospective authors to share ideas and join discussions on emerging challenges and key questions during the evolving of a safe, reliable, sustainable and intelligent Electrical Facilities and information technologies. ICEF2023 welcome the potential authors from the fields.

## I Conference Topics I Paper Topics Include, But Are Not Limited To :

### Session 1 Future Electric Facility Planning and Operations

- Power Distribution Network Modeling, Analysis and Control
- HVDC, MVDC & LVDC: Design, Control and Protection
- AC-DC Hybrid Grid Operation, Control and Protection
- IOT(Internet Of Thing)
- Electrical Safety : Design, Control and Protection
- Electric Machinery and Drives
- Energy Storage Systems, Renewable Energy

### Session 2 Smart Electric Facility

- Smart Grids, Micro-grid, and Utility Applications
- Smart Energy Management for Home, Building and Factory
- Smart Materials and Devices, Media Facade and Large Format Display
- Illuminating Design and Light Installation
- Electrical Installation Design and Construction Technology
- Technical Specification for Electrical Installation
- Converge Technique for Electric Facility

### Session3 Information Technology

- Software System & Engineering
- Artificial Intelligence
- Wireless Communications and Networking
- Embedded System, IoT/Edge Computing
- VR/AR, Metaverse
- Data Science, Big Data, Database, Data Mining
- 3D Printing, Digital Twin

### Session 4 Intelligent Transportation Technology

- Railway System & Technology
- Intelligent Transportation System
- Future Smart Automobile Technology
- Road Operation Technology
- Aircraft System and Control Technology

### Session 5 Aerospace Sciences and Aviation Technology

- Aerospace Guidance, Navigation, and Control
- Aerospace Cybersecurity
- Aerospace Avionics Systems
- Remote Sensing
- Unmanned Aerial Vehicles

## I Important Dates I

- Abstract Submission due : **May 15, 2023**
- Abstract Acceptance : **May 30, 2023**
- Submission of Full Papers : **June 15, 2023**
- Author / Early Registration : **June 25, 2023**
- Final Presentation File Submission due : **June 25, 2023**

## I Conference Language I

The official language of the Conference is English.

## I Venue & Accommodation I

The ICEF 2023 Organizing Committee has reserved accommodations at special room rates in Almaty, Kazakhstan for the duration of the conference, specific information of which will be announced on the web then.

## I Publication in Academic Journals I

Selected papers will be recommended to the review process for the possible publication in Journal of Electrical Engineering & Technology or the Transactions of the Korean Institute of Electrical Engineers

- JEET(SCIE, Scopus) : Journal of Electrical Engineering & Technology
- T.KIEE (Scopus) : The Transactions of the Korean Institute of Electrical Engineers
- Vestnik AUES

## I Contact Information I

-hosuk song : [secretariat@icef2023.org](mailto:secretariat@icef2023.org)

### Secretariat of ICEF 2023, KIEE Electrical Facilities Society

Room #901, New B/D, Science & Technology Building, Teheranro7-gil(635-4, Yucksam-Dong), Kangnam-Ku, Seoul, KOREA

TEL : 02-553-0151, E-MAIL : [secretariat@icef2023.org](mailto:secretariat@icef2023.org)

Organizer



THE KOREAN INSTITUTE OF  
ELECTRICAL ENGINEERS