

The 3rd International Workshop on Ubiquitous Electric Internet of Things (UEIoT 2022)

Preface

Ubiquitous Electric Internet of Things (UEIoT) realizes the interconnection of everything and human-computer interaction in all aspects of the power system by fully applying mobile Internet technology, artificial intelligence technology, and advanced communication technology. It provides intelligent services characterized by a comprehensive perception of the state, efficient processing of information, and convenient and flexible application on four layers: perception layer, network layer, platform layer, and application layer. Through the wide application of big data, cloud computing, Internet of things, mobile communications, artificial intelligence, chain blocks, edge information technology and intelligent technology such as computing, UEIOT pooling resources, for the planning and construction, operation, management, integrated services, new business model development, the enterprise ecological environment construction and so on various aspects, to provide sufficient and effective information and data to support.

Topics

The workshop seeks submissions from academia, government, and industry. Presenting will be researched on all theoretical and practical aspects of UEIoT, as well as experimental studies of fielded systems. The interested topics include but not limited to:

- Research and application of edge computing system of Internet of things for electric equipment
- High-precision and diversified micro intelligent sensor and intelligent terminal technology
- Integrated communication network technology with wide coverage and large connection
- Open and share the analysis and management technology of massive Internet of things platform
- Information security technology of the end-to-end electric Internet of things
- Image and graphics processing of ubiquitous electric Internet of things
- Intelligent algorithm and high-performance computing technology for the governance and analysis of multivariate big data
- Blockchain technology of ubiquitous electric Internet of things
- Ubiquitous electric IoT visualization technology

Workshop Chairs

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