



ICPEA

2019 2nd International Conference on Power and Energy Applications
 April 27-30, 2019 | NTU@one-north, Singapore

<http://www.icpea.org/>

Publication

The accepted (Registered & Presented) full papers will be collected in the conference proceedings, which will be submitted for indexing to Google Scholar, CAS, DOAJ, CPCI (Web of Science), EBSCO, ProQuest, Ei Compindex, Scopus.

Committee 2018

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Important Date

Submission Deadline : December 10, 2018

Get In Touch

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Conference Venue

NTU@one-north

<http://www.ntu.edu.sg/odfm/onenorth/Pages/onenorth.aspx>

Add: 11 Slim Barracks Rise (off North Buona Vista Road), NTU@one-north campus, Executive Centre #09-09, Singapore 138664

Submission method

*Official Language: English Only

*Full Paper is requested for publication purpose

*Submit Abstract for presentation only

*Online submission system

<http://www.easychair.org/conferences/conf=icpea2019>

Conference Scope

Estimation and identification methods
 EV's battery chargers: Contact and contactless
 Fault coordination and protection of DC grids
 Grids and Smart Grids
 Hard and Soft switching techniques
 High performance drives
 High voltage DC power supplies
 HVDC & FACT's
 Industry Specific Energy Conversion and Conditioning Technologies
 Low voltage DC power supplies
 Marine applications (Offshore and ships)
 Measurement and Control
 Measurements techniques
 Micro-grids
 Motion control, robotics, special drives
 New materials and active devices
 Passive components
 Power converters for electric vehicles
 Uninterruptible power supplies (UPS)
 Wind energy systems

Active components
 Adjustable speed drives
 Advanced power converter topologies
 Advanced renewable energy systems
 Application of control methods to electrical systems
 Batteries and Management Systems (BMS)
 Contactless power supply
 Devices, Packaging and System Integration
 Distributed power supplies
 Electric propulsion systems for electric vehicles
 Electrical Machines
 Electrical Machines and Drive Systems
 Electronic ballasts and solid state lighting
 e-Mobility
 Energy conversion and conditioning technologies in physics research and related applications
 Energy conversion and conditioning technologies in the industry (cement, steel, paper, textile, mining)

Power Converters Topologies and Design
 Power Electronics and Applications
 Power Electronics Devices and Converters
 Power electronics in aerospace and space applications
 Power electronics in transmission and distribution systems
 Power factor correction techniques
 Power quality issues
 Power Supplies
 Power system integration, packaging and thermal management
 Rail vehicles
 Reliability
 Renewable Energy Power Systems
 Sensors
 Smart grids
 Solar energy systems
 Standard and advanced control techniques for power converters
 Standards and regulations
 Energy storage systems