The 7th International Conference on Power and Energy Applications (ICPEA 2024) will be held on October 18-20, 2024 in Taiyuan, China, and sponsored by Taiyuan University of Technology, Taiyuan, Shanxi, China. Based on the successful experience to host The 5th IEEE EI 2021 in Taiyuan with around 1000 participants, Taiyuan University of Technologol will believe that ICPEA will gain another successes. Now the conference is open for submission. All the scholars and experts is sincerely welcome to submit your abstract or papers or register as listener to attend. See you in Taiyuan!

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- Best Paper Award
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- Outstanding Contribution to the Conference
- Best Oral Presentation
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Submission Deadline: June 25, 2024
1. Full paper (publication and presentation) with at least 4-5 pages
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ICPEA 2020 (October 9-11, 2020 | Busan-Virtual | IEEE Xplore | Indexed by EI Compex and Scopus
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- **Power electronics and converters**
  - Power converters Topologies and Design
  - Advanced power converter topologies
  - Devices, Packaging and System Integration
  - Passive components
  - Active components
  - Power Electronics Devices and Converters
  - High voltage DC power supplies
  - Low voltage DC power supplies
  - Power converters for electric vehicles
  - Contactless power supply
- **Renewable energy systems**
  - Wind energy systems
  - Solar energy systems
  - Advanced renewable energy systems
  - Renewable Energy Power Systems
- **Electrical machines and drives**
  - Electric Machines and Drive Systems
  - Motion control, robotics, special drives
  - Electric propulsion systems for electric vehicles
  - Electrical Machines
- **Power electronics applications**
  - Power electronics in automotive applications
  - Power electronics in aircraft and spacecraft applications
  - Power electronics in railway applications
  - Power electronics in renewable energy systems
  - Power electronics in grid-connected systems
  - Power electronics in off-grid and standalone systems
  - Power electronics in energy storage systems
  - Power electronics in smart homes and buildings
  - Power electronics in industrial applications
  - Electromagnetic and maximum-stable state-lighting
- **Control and management**
  - Application of control methods to electrical systems
  - Renewable Energy Grid Integration
  - Smart Grid Security Analysis and Control
  - ICT Technologies for Energy Internet Applications
  - Estimation and identification methods
  - Measurements techniques
  - Measurement and Control
  - Fault coordination and protection of DC grids
  - Power factor correction techniques
  - Power quality issues
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