



CALL FOR PAPERS

ICPEAPS 2022
Apr 29-30, 2022
Jerusalem, Israel

The International Research Conference is a federated organization dedicated to bringing together a significant number of diverse scholarly events for presentation within the conference program. Events will run over a span of time during the conference depending on the number and length of the presentations.

ICPEAPS 2022 : International Conference on Power Electronic Applications in Power Systems is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Power Electronic Applications in Power Systems. The conference will bring together leading academic scientists, researchers and scholars in the domain of interest from around the world. Topics of interest for submission include, but are not limited to:

FACTS for improving transient or voltage stability, damping oscillations, controlling power flows to reduce power loops or increase the effectiveness of transmission corridors
Multi-terminal DC systems focusing on integration of bulk renewable energy systems, optimal network topology, interaction with the AC grid and novel short-circuit protection schemes
Advanced control algorithms including hierarchical and distributed approaches applied at this level
Applications related to distribution systems:
MV/LV DFACTS for improving power quality, power flow control, voltage regulation, balancing and reconfiguration
Mixed AC/DC distribution systems

Advanced secondary substations involving custom power electronic devices
Microgrid interfaces
Efficient integration of charging stations for electric vehicles
Applications related to smart integration of renewable generation and storage systems:
Centralized and distributed approaches.
Advanced coordinated control algorithms with minimal communication infrastructure