

SC	Country	Presenter	Presentation Title
A1	Brazil	Marcos Nishioka	Artificial Intelligence applied to vibration analysis for automatic diagnostics of wind turbines in the northeast of Brazil
A1	Spain	Raquel Villena-Ruiz	Aiming at a larger integration of wind power in future power systems
A2	UK	Caleb Walker	Accurate Prediction of Transformer Residual Life
A2	Spain	Cristina Méndez	Analysis of the Effect of Transformer Manufacturing on the Dielectric Properties of Cellulosic Materials
A2	Austria	Dennis Albert	Measurement based Transformer Modelling Approach
A2	South Africa	Keneilwe Seleme	Improving Reliability of Power Transformers in Distribution networks
A3	Russia	Vladislav Popovtsev	Missing Current Zero Phenomena during SF6 circuit breaker operating
B2	Japan	Daijiro Herai	AI-Based Corrosion Degradation Diagnosis System for Power Transmission Towers
B2	Ireland	Tolulope Mayomi	Approach for classification of risk of towers
B3	Japan	Takuichi Kinugasa	Analytical result of actual equipment applying new seismic guideline and evaluation for anticipated huge earthquake in Japan
B4	UK	Shuren Wang	A T-Type Modular Multilevel Converter (T-MMC) to Improve System Security
B4	China	Yuexi Yang	Combined DC breaker and converter valve protection strategies under DC grid temporary fault
B5	Japan	Saroj Paudel	Design of IEC 61850 Adapter supporting various communication systems used in tele-control
C1	Ireland	Gurasees Singh	Generation Availability Capacity Map
C1	United States	Sarah Davis	Data Requirements for Application of Risk-Based Dynamic Contingency Analysis to Evaluate Hurricane Impact to Electrical Infrastructure in Puerto Rico
C2	Denmark	Daniela Pagnani	Wind Farm Black Start Service Integration to Assure Resiliency in 100% Renewable Future Power Systems
C2	Netherlands	Leonel Noris Martinez	Black-Start Network Restoration using Wind Power
C3	Japan	Daiki Sasaki	Measurement Accuracy of Inexpensive Magnetic Field Meters and Magnetic Field Meter Applications for Smart Devices
C3	Brazil	Luíza Martins	Social Environmental Programmes in the Paranaíba Project During the Pandemic
C4	United States	Deepak Ramasubramanian	Do FERC Orders Nos. 827 and 842 Usher in Grid Forming Control?
C4	Netherlands	Roosbeh Torkzadeh	Model Validation for Propagation of Severe Voltage Dips in Future Networks
C6	Russia	Fedor Nepsha	Simulation of intelligent microgrid control system using a digital platform for distributed energy systems management
C6	United States	Niroj Gurung	Comprehensive Hardware in the Loop Testing and Verification of Microgrid Controller Functionalities
C6	Netherlands	Sangitha Harmsen	Optimal medium-voltage distribution system expansion planning in an integrated energy system
D1	China	Song Xiao	Performance evaluation and application of environmental-friendly alternative gas for SF6
D1	Finland	Toni Mellin	Total cost of ownership with continuous online DGA monitoring
D2	Spain	Jon González-Ramos	Characterization of the Potential Effects of EMC Filters for Power Converters on Narrowband Power Line Communications
D2	Russia	Pavel Matrenin	Shallow RNN for Short-term Load Forecasting of Coal Mining Enterprise
D2	Finland	Petra Raussi	Hybrid testing of protection and 5G wireless communication using HIL simulation