

Session Code	Session Title	Paper No.	Presentation Code	Paper Title	Presentation Type	Room	Presentation Date	Presentation Start	Presentation Finish
OR1_1	Connectivity and Computing for Smart Grid and Vehicles	P00136	OR1_1_1	A Comparison of the Performance of Deep Learning Models for Electric Load Forecasting	Oral / Online Presentation	Board Room I	16th(Wed) Sep.	10:30	10:50
OR1_1	Connectivity and Computing for Smart Grid and Vehicles	P00036	OR1_1_2	Experimental Accuracy Analysis of Methods for Forecasting Short-Term Electric Load	Oral / Online Presentation	Board Room I	16th(Wed) Sep.	10:50	11:10
OR1_1	Connectivity and Computing for Smart Grid and Vehicles	P00029	OR1_1_3	WiFi Backscatter Communication: A Review of Concepts, Experimental Setup and Frequency-Shift Implementation	Oral / Online Presentation	Board Room I	16th(Wed) Sep.	11:10	11:30
OR1_1	Connectivity and Computing for Smart Grid and Vehicles	P00008	OR1_1_4	Energy-efficient Hybrid Combining Based on Active/Inactive Switches	Oral / Online Presentation	Board Room I	16th(Wed) Sep.	11:30	11:50
OR1_1	Connectivity and Computing for Smart Grid and Vehicles	P00094	OR1_1_5	A comparative study of initial cost recuperation period of a plug-in series hybrid electric two-wheel vehicles in Southeast Asian countries	Oral / Offline Presentation	Board Room I	16th(Wed) Sep.	11:50	12:10
OR2_1	Electric Vehicles Integrated with Renewable Generating Resources for Sustainable Energy System	P00081	OR2_1_1	Design and Implementation of Probabilistic Transient Stability Application to Assess the High Penetration of Renewable Energy	Oral / Online Presentation	Board Room I	16th(Wed) Sep.	13:30	13:50
OR2_1	Electric Vehicles Integrated with Renewable Generating Resources for Sustainable Energy System	P00066	OR2_1_2	Simulating Wind Power Generation in South Korea through a Combination of Clustering and Copula Methods	Oral / Online Presentation	Board Room I	16th(Wed) Sep.	13:50	14:10
OR2_1	Electric Vehicles Integrated with Renewable Generating Resources for Sustainable Energy System	P00042	OR2_1_3	Impact of Wind-Powered Electric Vehicle Charging Stations On Transmission Security	Oral / Online Presentation	Board Room I	16th(Wed) Sep.	14:10	14:30
OR2_1	Electric Vehicles Integrated with Renewable Generating Resources for Sustainable Energy System	P00038	OR2_1_4	Stochastic Frequency Analysis and Rate of Change in Application with Renewable Energy Sources and Electric Vehicles	Oral / Online Presentation	Board Room I	16th(Wed) Sep.	14:30	14:50
OR2_1	Electric Vehicles Integrated with Renewable Generating Resources for Sustainable Energy System	P00129	OR2_1_5	Optimal Distributed Generation Selection Using Particle Swarm Optimization	Oral / Online Presentation	Board Room I	16th(Wed) Sep.	14:50	15:10
OR3_1	Low-power Autonomous EV in Smart Energy Town	P00089	OR3_1_1	The Effect of Driver Models on Deep Learning in End-to-End Autonomous Driving	Oral / Online Presentation	Board Room I	16th(Wed) Sep.	15:20	15:40
OR3_1	Low-power Autonomous EV in Smart Energy Town	P00073	OR3_1_2	Adaptive speed sensorless tracking control of an induction motor for electric vehicles	Oral / Offline Presentation	Board Room I	16th(Wed) Sep.	15:40	16:00
OR3_1	Low-power Autonomous EV in Smart Energy Town	P00037	OR3_1_3	FREE SPACE AND LANE DETECTION SYSTEM USING CAMERA - LIDAR FUSION IN TOP VIEW SPACE	Oral / Online Presentation	Board Room I	16th(Wed) Sep.	16:00	16:20
OR3_1	Low-power Autonomous EV in Smart Energy Town	P00011	OR3_1_4	A LIDAR sampling algorithm for depth data acquisition in on-road environment for autonomous driving	Oral / Online Presentation	Board Room I	16th(Wed) Sep.	16:20	16:40
OR3_1	Low-power Autonomous EV in Smart Energy Town	P00028	OR3_1_5	Real-time Steering Angle Prediction in Self-Driving Vehicles	Oral / Online Presentation	Board Room I	16th(Wed) Sep.	16:40	17:00
OR4_1	Connected and Automated Vehicles, Smart Mobility, Intelligent Transportation Systems, and Vehicle Security	P00142	OR4_1_1	Development of Collision Avoidance Algorithm Using Stereoscopic Imaging System and Deep Learning	Oral / Offline Presentation	Board Room I	17th(Thu) Sep.	10:00	10:20
OR4_1	Connected and Automated Vehicles, Smart Mobility, Intelligent Transportation Systems, and Vehicle Security	P00098	OR4_1_2	Design and Implementation of a Co-Simulation Framework for Testing of Automated Driving Systems	Oral / Online Presentation	Board Room I	17th(Thu) Sep.	10:20	10:40
OR4_1	Connected and Automated Vehicles, Smart Mobility, Intelligent Transportation Systems, and Vehicle Security	P00074	OR4_1_3	A High-performance Controller Design Using EULERINT Criterion	Oral / Online Presentation	Board Room I	17th(Thu) Sep.	10:40	11:00
OR4_1	Connected and Automated Vehicles, Smart Mobility, Intelligent Transportation Systems, and Vehicle Security	P00088	OR4_1_4	Analysis of application of Small cell and D2D communication technology to improve performance in 5G communication environment	Oral / Online Presentation	Board Room I	17th(Thu) Sep.	11:00	11:20
OR4_1	Connected and Automated Vehicles, Smart Mobility, Intelligent Transportation Systems, and Vehicle Security	P00130	OR4_1_5	IoT Management Service based on Interworking Proxy for Heterogeneous Device Communication Protocols	Oral / Offline Presentation	Board Room I	17th(Thu) Sep.	11:20	11:40
OR4_1	Connected and Automated Vehicles, Smart Mobility, Intelligent Transportation Systems, and Vehicle Security	P00120	OR4_1_6	Prediction of Power Consumption with GRU to Support Smart Grid:	Oral / Online Presentation	Board Room I	17th(Thu) Sep.	11:40	12:00
OR4_2	Smart Grid, Electrical Infrastructure, and V2G/V2I Applications	P00112	OR4_2_1	Electric Vehicle Charging Load Modeling for Battery Swapping Stations: A practical approach	Oral / Online Presentation	Board Room III	17th(Thu) Sep.	10:00	10:20
OR4_2	Smart Grid, Electrical Infrastructure, and V2G/V2I Applications	P00138	OR4_2_2	Optimal Power Dispatch Method for a DC-micro grid using Quadratic Programming	Oral / Offline Presentation	Board Room III	17th(Thu) Sep.	10:20	10:40
OR4_2	Smart Grid, Electrical Infrastructure, and V2G/V2I Applications	P00040	OR4_2_3	Real-Time Simulation of a Hybrid Electric Vehicle	Oral / Online Presentation	Board Room III	17th(Thu) Sep.	10:40	11:00
OR4_2	Smart Grid, Electrical Infrastructure, and V2G/V2I Applications	P00128	OR4_2_4	An environmentally constrained optimal dispatch method of combined cooling, heat, and power systems and their effects on energy and emissions saving	Oral / Online Presentation	Board Room III	17th(Thu) Sep.	11:00	11:20
OR4_2	Smart Grid, Electrical Infrastructure, and V2G/V2I Applications	P00100	OR4_2_5	Optimal energy management in microgrid operation considering improved demand response	Oral / Online Presentation	Board Room III	17th(Thu) Sep.	11:20	11:40
OR4_2	Smart Grid, Electrical Infrastructure, and V2G/V2I Applications	P00117	OR4_2_6	Seamless Mode Change of an Inverter-based Microgrid	Oral / Online Presentation	Board Room III	17th(Thu) Sep.	11:40	12:00
OR5_1	IoT Connectivity and Smart City	P00105	OR5_1_1	A Study on the Smart City Use Case Verification Based on User Participation: Focusing on the Smart City Use Case in Daegu	Oral / Online Presentation	Board Room I	17th(Thu) Sep.	14:30	14:50
OR5_1	IoT Connectivity and Smart City	P00099	OR5_1_2	Empirical Way to Detect Anomaly in Unknown Time Series Datasets without Background Knowledge	Oral / Online Presentation	Board Room I	17th(Thu) Sep.	14:50	15:10
OR5_1	IoT Connectivity and Smart City	P00080	OR5_1_3	The Development of Standard Classification Code System of Traffic Safety Facilities for Supporting Autonomous Driving	Oral / Offline Presentation	Board Room I	17th(Thu) Sep.	15:10	15:30
OR5_1	IoT Connectivity and Smart City	P00059	OR5_1_4	A Study on the Educational Program for Public Officials' Disaster Management	Oral / Offline Presentation	Board Room I	17th(Thu) Sep.	15:30	15:50
OR5_1	IoT Connectivity and Smart City	P00137	OR5_1_5	The Effect of Disaster Safety Education on safety Consciousness and Safety Behavior of Civil Defense Members.	Oral / Offline Presentation	Board Room I	17th(Thu) Sep.	15:50	16:10
OR5_1	IoT Connectivity and Smart City	P00096	OR5_1_6	A Study on SOC & SOH Estimation in Consideration of Li-ion Battery Aging	Oral / Offline Presentation	Board Room I	17th(Thu) Sep.	16:10	16:30
OR5_2	Power System Stability and Reliability	P00118	OR5_2_1	Power System Reliability and Resilience: A Comparative Analysis of Challenges and Opportunities	Oral / Online Presentation	Board Room III	17th(Thu) Sep.	14:30	14:50
OR5_2	Power System Stability and Reliability	P00145	OR5_2_2	An Introduction to the Concept of Resilience from Disasters	Oral / Online Presentation	Board Room III	17th(Thu) Sep.	14:50	15:10
OR5_2	Power System Stability and Reliability	P00140	OR5_2_3	A Miniaturized Incident Angle-Independent Dual-Polarized Rectenna Design for 2.45-GHz RF-Based Energy Harvester	Oral / Offline Presentation	Board Room III	17th(Thu) Sep.	15:10	15:30
OR5_2	Power System Stability and Reliability	P00114	OR5_2_4	SUPER RESOLUTION TIME DELAY ESTIMATION USING MATRIX PENCIL METHOD IN MULTIPATH ENVIRONMENT	Oral / Online Presentation	Board Room III	17th(Thu) Sep.	15:30	15:50
OR5_2	Power System Stability and Reliability	P00039	OR5_2_5	Discrete Simulation Stability Analysis and Optimal Time Step Selection of Voltage Sourced Converter HVDC Implementation	Oral / Online Presentation	Board Room III	17th(Thu) Sep.	15:50	16:10
OR5_2	Power System Stability and Reliability	P00135	OR5_2_6	The evaluation of the accurate series impedance of distribution lines at the steady-state condition	Oral / Online Presentation	Board Room III	17th(Thu) Sep.	16:10	16:30
OR6_1	Machine Learning for EV	P00092	OR6_1_1	Product Prediction for Recommendation based on User Click Pattern using Long Short Term Memory	Oral / Offline Presentation	Board Room I	18th(Fri) Sep.	10:00	10:20
OR6_1	Machine Learning for EV	P00091	OR6_1_2	Semantic Segmentation of Roof and Detection of Roof Edges using Generative Adversarial Networks	Oral / Offline Presentation	Board Room I	18th(Fri) Sep.	10:20	10:40
OR6_1	Machine Learning for EV	P00090	OR6_1_3	Smart Contract Based Electronic Wallet for Automatic Electric Vehicle Charging Payment	Oral / Offline Presentation	Board Room I	18th(Fri) Sep.	10:40	11:00
OR6_1	Machine Learning for EV	P00093	OR6_1_4	Automatic Knowledge Extraction from Probabilistic Information for Document Classification	Oral / Offline Presentation	Board Room I	18th(Fri) Sep.	11:00	11:20
OR6_1	Machine Learning for EV	P00111	OR6_1_5	A New Blockchain Based Security Testing Framework for Autonomous Vehicles	Oral / Online Presentation	Board Room I	18th(Fri) Sep.	11:20	11:40
OR6_2	Security & Block Chain for EV	P00148	OR6_2_1	Demonstration of Educational Gamification for Understanding Artificial Intelligence Learning Principles in Elementary Education Course	Oral / Offline Presentation	Board Room III	18th(Fri) Sep.	10:00	10:20
OR6_2	Security & Block Chain for EV	P00149	OR6_2_2	Blockchain-based device carry-in/out record management mechanism using RFID in Future Society	Oral / Offline Presentation	Board Room III	18th(Fri) Sep.	10:20	10:40
OR6_2	Security & Block Chain for EV	P00123	OR6_2_3	Predicting Movie Ratings from Synopses Using Machine Learning Algorithms for Big Data Applications	Oral / Online Presentation	Board Room I	18th(Fri) Sep.	10:40	11:00
OR6_2	Security & Block Chain for EV	P00119	OR6_2_4	A Study on Deriving the Importance of Variables Using xgboost and SHAP	Oral / Online Presentation	Board Room III	18th(Fri) Sep.	11:00	11:20
OR6_2	Security & Block Chain for EV	P00108	OR6_2_5	A Secure Blockchain-based Vehicle-to-Grid Energy Trading System for Smart Cities Environment	Oral / Online Presentation	Board Room III	18th(Fri) Sep.	11:20	11:40

Session Code	Session Title	Paper No.	Presentation Code	Paper Title	Presentation Type	Room	Presentation Date	Presentation Start	Presentation Finish
PO1	Poster Session I	P00110	PO1_1	A current control algorithm for improvement of transient dynamics of a single-phase grid connected inverter for a vehicle to grid system	Poster / Online(Video)	Online	16th(Wed) Sep.	17:00	18:00
PO1	Poster Session I	P00116	PO1_2	Developing A Floor Cleaning Robot Based on Internet of Things	Poster / Online(Video)	Online	16th(Wed) Sep.	17:00	18:00
PO1	Poster Session I	P00101	PO1_3	Multi-Stage Risk Control Strategy with Energy Storage System	Poster / Online(Video)	Online	16th(Wed) Sep.	17:00	18:00
PO1	Poster Session I	P00016	PO1_4	A Study on the Automatic Adjustment of the Protective Coordination in the Distribution System	Poster / Online(Video)	Online	16th(Wed) Sep.	17:00	18:00
PO1	Poster Session I	P00106	PO1_5	Modified Levelized Cost of Energy with Direct and Indirect Costs of Renewable Energy	Poster / Online(Video)	Online	16th(Wed) Sep.	17:00	18:00
PO1	Poster Session I	P00014	PO1_6	Analysis of the Hosting Capacity according to Active and Reactive Power Control of the Inverter-based Distributed Generation	Poster / Online(Video)	Online	16th(Wed) Sep.	17:00	18:00
PO1	Poster Session I	P00012	PO1_7	Calculating Hosting Capacity by Using Modified V-Q Control in Smart Inverter	Poster / Online(Video)	Online	16th(Wed) Sep.	17:00	18:00
PO1	Poster Session I	P00021	PO1_8	The case study of Solar PV project with resident participation related construction of 765kV Transmission facilities	Poster / Online(Video)	Online	16th(Wed) Sep.	17:00	18:00
PO1	Poster Session I	P00072	PO1_9	Shape Optimization Design of Motor for Improving Efficiency of Electric Compressor for Commercial Electric Vehicle	Poster / Online(Video)	Online	16th(Wed) Sep.	17:00	18:00
PO1	Poster Session I	P00076	PO1_10	Design of Electric Wheelchairs Driving Parts for Stairs-Climbing	Poster / Online(Video)	Online	16th(Wed) Sep.	17:00	18:00
PO1	Poster Session I	P00015	PO1_11	A Study on Improved Droop Control Strategy of Battery Energy Storage System in Micro-Grid	Poster / Online(Video)	Online	16th(Wed) Sep.	17:00	18:00
PO1	Poster Session I	P00078	PO1_12	Analysis Framework for the Environmental Implications of Battery Electric Vehicles (BEVs) on the National Power Roadmap	Poster / Online(Video)	Online	16th(Wed) Sep.	17:00	18:00
PO1	Poster Session I	P00109	PO1_13	The Design of the Compact High-Power Inverter of the Wireless Type for the Driving of the Traction Motor(IPMSM) for Electric Vehicle	Poster / Online(Video)	Online	16th(Wed) Sep.	17:00	18:00
PO1	Poster Session I	P00133	PO1_14	Improvement of electromagnetic force and dynamic response of an electric pressure regulator using a modelling approach	Poster / Online(Video)	Online	16th(Wed) Sep.	17:00	18:00
PO1	Poster Session I	P00079	PO1_15	Potential Environmental Implication of Electric Vehicle Propagation Policy using System Dynamics	Poster / Online(Video)	Online	16th(Wed) Sep.	17:00	18:00
PO1	Poster Session I	P00155	PO1_16	Application of Smart Reservation Charging Systems for Electric Vehicle in Apartment Complexes and a Prediction of the Transformer Capacity Limit	Poster / Online(Video)	Online	16th(Wed) Sep.	17:00	18:00
PO1	Poster Session I	P00156	PO1_17	ESS Fire Preparation and Safety Inspection	Poster / Online(Video)	Online	16th(Wed) Sep.	17:00	18:00
PO1	Poster Session I	P00157	PO1_18	ESS Fire and Design Plan	Poster / Online(Video)	Online	16th(Wed) Sep.	17:00	18:00
PO1	Poster Session I	P00158	PO1_19	ESS Fire Causes and Improvement Measures	Poster / Online(Video)	Online	16th(Wed) Sep.	17:00	18:00
PO1	Poster Session I	P00159	PO1_20	ESS Fire Cause and Design Plan	Poster / Online(Video)	Online	16th(Wed) Sep.	17:00	18:00
PO1	Poster Session I	P00160	PO1_21	Common and Integrated Ground Site Monitoring Cases	Poster / Online(Video)	Online	16th(Wed) Sep.	17:00	18:00
PO1	Poster Session I	P00161	PO1_22	Electrical Equipment Design Cases of explosion-proof type	Poster / Online(Video)	Online	16th(Wed) Sep.	17:00	18:00
PO2	Poster Session II	P00067	PO2_1	A correction of nonholonomic dynamics in unicycle-modeled agents operated by orientation alignment-based control law	Poster / Online(Video)	Online	17th(Thu) Sep.	17:00	18:00
PO2	Poster Session II	P00041	PO2_2	Data-Driven Distributionally Robust Stochastic Control of Energy Storage	Poster / Online(Video)	Online	17th(Thu) Sep.	17:00	18:00
PO2	Poster Session II	P00024	PO2_3	Reliable dynamic output-feedback control for descriptor stochastic systems with Markovian jumping	Poster / Online(Video)	Online	17th(Thu) Sep.	17:00	18:00
PO2	Poster Session II	P00007	PO2_4	Robust Longitudinal Vehicle Speed Control with Deceleration Profile for Stop Operation	Poster / Online(Video)	Online	17th(Thu) Sep.	17:00	18:00
PO2	Poster Session II	P00006	PO2_5	Input Shaping Control Using Impulse Vectors	Poster / Online(Video)	Online	17th(Thu) Sep.	17:00	18:00
PO2	Poster Session II	P00005	PO2_6	Adaptive Control of Solenoid Actuator in Nuclear Power Plants	Poster / Online(Video)	Online	17th(Thu) Sep.	17:00	18:00
PO2	Poster Session II	P00003	PO2_7	Stability Analysis and Robust Control Design of LCL-Type Voltage Source Inverter Connected to Weak Grid	Poster / Online(Video)	Online	17th(Thu) Sep.	17:00	18:00
PO2	Poster Session II	P00103	PO2_8	A New Cybersecurity Framework for the Smart Military Logistics	Poster / Online(Video)	Online	17th(Thu) Sep.	17:00	18:00
PO2	Poster Session II	P00065	PO2_9	Development of Smart Security Surveillance System	Poster / Online(Video)	Online	17th(Thu) Sep.	17:00	18:00
PO2	Poster Session II	P00107	PO2_10	A Review of Ternary Pumped-Storage Hydropower Technology	Poster / Online(Video)	Online	17th(Thu) Sep.	17:00	18:00
PO2	Poster Session II	P00104	PO2_11	Best Generation Mix for Bangladesh Power System Using Linear Programming- Vision 2041	Poster / Online(Video)	Online	17th(Thu) Sep.	17:00	18:00
PO2	Poster Session II	P00102	PO2_12	Probabilistic Reliability Evaluation on China Power System Considering Wind Energy with Multi Energy Storage Systems	Poster / Online(Video)	Online	17th(Thu) Sep.	17:00	18:00
PO2	Poster Session II	P00131	PO2_13	Velocity Adjustment Simulation of Pods Driving in Hyperloop Tubeway	Poster / Online(Video)	Online	17th(Thu) Sep.	17:00	18:00
PO2	Poster Session II	P00139	PO2_14	Issue Classification by Textual Descriptions in a User Manual	Poster / Online(Video)	Online	17th(Thu) Sep.	17:00	18:00
PO2	Poster Session II	P00151	PO2_15	An investigation on the performance characteristics of the electric bicycle using semi-automatic transmission	Poster / Online(Video)	Online	17th(Thu) Sep.	17:00	18:00
PO2	Poster Session II	P00058	PO2_16	A study on the selection of the proper number of people considering the fire safety of a small standing venue	Poster / Online(Video)	Online	17th(Thu) Sep.	17:00	18:00
PO2	Poster Session II	P00162	PO2_17	Installation and Supervision Methods for Electric Vehicle Charger	Poster / Online(Video)	Online	17th(Thu) Sep.	17:00	18:00
PO2	Poster Session II	P00163	PO2_18	Linkage and Problems of Photovoltaic Power Generation and ESS	Poster / Online(Video)	Online	17th(Thu) Sep.	17:00	18:00
PO2	Poster Session II	P00164	PO2_19	Design of Fusion Electric Vehicle Charging Station using New and Renewable Energy	Poster / Online(Video)	Online	17th(Thu) Sep.	17:00	18:00
PO2	Poster Session II	P00165	PO2_20	Global Earthing System	Poster / Online(Video)	Online	17th(Thu) Sep.	17:00	18:00
PO2	Poster Session II	P00166	PO2_21	Design of Fusion Electric Vehicle Charging Station using New and Renewable Energy	Poster / Online(Video)	Online	17th(Thu) Sep.	17:00	18:00
PO2	Poster Session II	P00167	PO2_22	Preparation of Papers for ICESI 2020: Prospects for Electric Vehicle Market and Trends in Technology	Poster / Online(Video)	Online	17th(Thu) Sep.	17:00	18:00