



Conference Schedule

| Date | Time | Event |
|-------------------------------|---|--|
| 2 Feb. 2021 (14 Bahman 99) | 09:00-10:30 | Opening Ceremony |
| | 10:30-11:30 | Keynote Speech 1: Prof. Carlo Cecati |
| | 11:30-12:30 | Keynote Speech 2: Prof. Shahrokh Farhangi |
| | 14:00-16:00 | Session D1: DC-DC Converters |
| | | Session G: Microgrids |
| | | Session V: Hybrid/Electric Vehicles |
| 16:00-18:00 | Session I: Inverter Structures | |
| 3 Feb. 2021 (15 Bahman 99) | 08:00-10:00 | Session D2: DC-DC Converters |
| | | Session E1: Electric Machines and Drives |
| | 10:00-12:00 | Session C1: Control of Power Electronic Converters |
| | | Session E2: Electric Machines and Drives |
| | 12:00-14:00 | Session A1: Application of Power Electronic Converters |
| | | Session T: Wireless Transmission and Power Systems |
| | 14:00-16:00 | Session M1: Multi-Level Inverters |
| | | Session A2: Application of Power Electronic Converters |
| 16:00-18:00 | Session D3: DC-DC Converters Session R: Resonant Converters and Energy Storage Systems | |
| 4 Feb. 2021 (16 Bahman 99) | 08:00-10:00 | Session D4: DC-DC Converters |
| | | Session C2: Control of Power Electronic Converters |
| | 10:00-12:00 | Session M2: Multi-Level Inverters |
| | | Session A3: Application of Power Electronic Converters |
| | 12:00-14:00 | Session E3: Electric Machines and Drives |
| | 14:00-16:00 | Session D5: DC-DC Converters |
| | | Session C3: Control of Power Electronic Converters |
| 16:00-18:00 | Closing Ceremony | |

| Topic | Papers | Sessions | Topic | Papers | Sessions |
|----------------------------------|--------|----------|--|--------|----------|
| DC-DC Converters (D) | 30 | 5 | Control of Power Electronic Converters (C) | 18 | 3 |
| Multi-Level Inverters (M) | 14 | 2 | Microgrids (G) | 6 | 1 |
| Inverter Structures (I) | 6 | 1 | Application of Power Electronic Converters (A) | 18 | 3 |
| Electric Machines and Drives (E) | 18 | 3 | Wireless Transmission and Power Systems (T) | 6 | 1 |
| Hybrid/Electric Vehicles (V) | 6 | 1 | Resonant Converters and Energy Storage Systems (R) | 7 | 1 |



Workshops

Monday, 1 Feb. 2021 (13 of Bahman 99)

| Date | Time | Topic | Presenter |
|--|-----------------|---|--|
| 1 Feb. 2021 (13 Bahman 99) | 08:00- 10:00 | Sensorless Application of Predictive Control in Drives | J. Rodriguez Universidad Andres Bello C. Garcia Universidad de Talca A. Davari Shahid Rajaei University |
| | 10:00- 12:00 | Modeling of distributed power generation sources electronic converters in Matlab software | J. Behkesh Ardabil Province Electrical Distribution Co. |
| | | Implementation Hardware-in-the-loop Simulation to Control of Power Microgrids | S. Roozbehani University of Khaje Nasir aldin Toosi Jahad Association |
| | 12:00- 14:00 | Power Quality Improvement in Distribution Systems Using Inverter-based DERs (IBDERs) | R. Rezvanfar University of Tabriz |
| | | The effects of widespread use of power-electronic based DG source on the electric network power quality | M. Youhannayee Gilan Province Electrical Distribution Co. |
| | 14:00- 16:00 | Power Quality in transition from traditional to modern power Grids | Y. Naderi University of Strathclyde |
| | 16:00- 18:00 | Electromagnetic Magnetic (EMI) Reduction Techniques in WBG Power Electronic Converters | Mostafa Abarzadeh SmartD Technologies, Montreal, Canada |

Day 1: Tuesday, 2 Feb. 2021 (14 of Bahman 99)

| Day 1: Tuesday, 2 February 2021 (14 of Bahman 1399) | | | | |
|---|--------|---------------|---|-------------|
| Session | Chairs | Paper ID | Title | Time |
| D1 DC-DC Converters | | pedstc12-1002 | A New Topology of High Step-Up Non-Isolated DC-DC Converter with Modifying in VMC | 14:00-14:20 |
| | | pedstc12-1006 | Design and Implementation of a Transformerless High Step-Up DC-DC Converter Based on Conventional Boost Converter and Voltage Multiplier Cells | 14:20-14:40 |
| | | pedstc12-1009 | Full Soft-Switching Ultra-High Gain DC/DC Converter Using Three-Winding Coupled-Inductor | 14:40-15:00 |
| | | pedstc12-1015 | Common Grounded High step up Z-Source DC-DC Converter with Coupled Inductors | 15:00-15:20 |
| | | pedstc12-1016 | A Non-isolated High Step-Up DC-DC Converter Recommended for Photovoltaic Systems | 15:20-15:40 |
| | | pedstc12-1022 | New Single-Switch Non-isolated Boost DC-DC Converter with Free Input Current Ripple | 15:40-16:00 |
| G Microgrids | | pedstc12-1033 | Event-Triggered Fully-Distributed Secondary Control of Islanded DC Microgrids Using Pre-defined Event Condition | 14:00-14:20 |
| | | pedstc12-1049 | A Localized-Protection Scheme for Ring DC Microgrids using Distribution-Sensitive Poverty Index | 14:20-14:40 |
| | | pedstc12-1052 | A Model Predictive Control for a Four-Leg Inverter in a Stand-Alone Microgrid under Unbalanced Condition | 14:40-15:00 |
| | | pedstc12-1076 | Delay and General Multiplicative Noise-Resilient Secondary Frequency and Voltage Control for an Autonomous Microgrid | 15:00-15:20 |
| | | pedstc12-1099 | Application of online empirical mode decomposition and continuous wavelet transform for Power Smoothing in Low voltage Microgrid with Battery Energy Storage System | 15:20-15:40 |
| | | pedstc12-1153 | Optimal Placement and Sizing of Energy-related Devices in Microgrids Using Grasshopper Optimization Algorithm | 15:40-16:00 |
| V Hybrid/Electric Vehicles | | pedstc12-1043 | Selective Utilized Phase Number of Multiphase Induction Motors Strategy to Enhance Electric Vehicles' Drive Range | 16:00-16:20 |
| | | pedstc12-1053 | Control of In-Wheel Hub Direct Drive PMSM for Hybrid Electric Vehicle | 16:20-16:40 |
| | | pedstc12-1148 | Performance Improvement of Control System for Wireless Charging of Electric Vehicle | 16:40-17:00 |
| | | pedstc12-1147 | Grid Synchronization of Bidirectional Electric Vehicle Chargers Using Second Order Generalized Integrator based Phase Lock Loop | 17:00-17:20 |
| | | pedstc12-1139 | Implementation of Burp Pulse Charging in Inductive Power Transfer Systems with LCC-Series Compensating Topology for Electric Vehicle Charger Application | 17:20-17:40 |
| | | pedstc12-1111 | A Multiport Isolated DC-DC Converter for Plug-in Electric Vehicles Based on Combination of Photovoltaic Systems and Power Grid | 17:40-18:00 |
| I Inverter Structures | | pedstc12-1014 | Single-Phase Two-Stage Transformerless Grid-Connected Inverter for Photovoltaic Applications | 16:00-16:20 |
| | | pedstc12-1071 | Using Grid Connected PUC Inverter with Robust Control Against Hybrid DG's Oscillation | 16:20-16:40 |
| | | pedstc12-1079 | High Step up Switched-Capacitor Quasi-Switched Boost Inverters | 16:40-17:00 |
| | | pedstc12-1120 | Transformerless Grid-Connected Asymmetric PV Inverter with Constant CMV and Reactive Power Injection Capability | 17:00-17:20 |
| | | pedstc12-1113 | Half-Bridge Trans-Z-Source Inverter with Continuous Input Current | 17:20-17:40 |
| | | pedstc12-1008 | Hyper-Plane Sliding Mode Control of Non-Minimum Phase Grid-Connected Zeta Converter | 17:40-18:00 |

Day 2: Wednesday, 3 Feb. 2021 (15 of Bahman 99)

| Day 2: Wednesday, 3 February 2021 (15 of Bahman 1399) | | | | |
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| Session | Chairs | Paper ID | Title | Time |
| D2 DC-DC Converters | | pedstc12-1025 | A Quadratic High Step-up DC-DC Boost Converter Based on Coupled inductor with Single Switch and Continuous Input Current | 8:00-8:20 |
| | | pedstc12-1027 | A Non-Isolated Bidirectional DC-DC Converter with Wide Voltage Conversion Ratio and Soft-Switching Capability | 8:20-8:40 |
| | | pedstc12-1039 | A Three-Winding Coupled-Inductor High Step-Up Boost Converter with an Active-Clamp Circuit | 8:40-9:00 |
| | | pedstc12-1040 | A New High Step-Up Interleaved LLC Converter | 9:00-9:20 |
| | | pedstc12-1045 | A Dual Active Bridge Converter with Full ZVS Range Using a Buck-Boost Converter | 9:20-9:40 |
| | | pedstc12-1056 | Double-Input/Single-Output Zeta Converter | 9:40-10:00 |
| E1 Electric Machines and Drives | | pedstc12-1030 | Modeling of linear switched reluctance motors using fuzzy clustering method | 8:00-8:20 |
| | | pedstc12-1042 | Model-Free Finite Set Predictive Voltage Control of Induction Motor | 8:20-8:40 |
| | | pedstc12-1050 | Optimal Design of a Permanent Magnet Synchronous Motor Using the Cultural Algorithm | 8:40-9:00 |
| | | pedstc12-1054 | Multi-Objective Optimization of Permanent Magnet Synchronous Motor Based on Sensitivity Analysis and Latin Hypercube Sampling assisted NSGAI | 9:00-9:20 |
| | | pedstc12-1058 | Multi-objective Optimization of a Permanent Magnet Synchronous Motor for Gearless Elevator | 9:20-9:40 |
| | | pedstc12-1059 | Investigations of Magnet Shape Impacts on Coreless Axial-Flux PM Machine Performances | 9:40-10:00 |
| C1 Control of Power Electronic Converters | | pedstc12-1004 | MPPT Controller Design Using TLBO Algorithm for Photovoltaic Systems Under Partial Shading Conditions | 10:00-10:20 |
| | | pedstc12-1013 | Improved Model Predictive Control Methods with Natural Capacitor Voltage Balancing for the Four Level-Single Flying Capacitor (4L-SFC) Inverter | 10:20-10:40 |
| | | pedstc12-1019 | A Deadbeat Controller Design for Single-Phase Active Power Filters Based on Forward-Backward Discretization | 10:40-11:00 |
| | | pedstc12-1028 | Performance Improvement of Model Predictive Control for Modular Multilevel Converters by Auto-regulating the Weighting Factor Value | 11:00-11:20 |
| | | pedstc12-1031 | Stabilization of DC / DC Converter with Constant Power Load using Exact Feedback Linearization Method based on Backstepping Sliding Mode Control and Nonlinear Disturbance Observer | 11:20-11:40 |
| | | pedstc12-1060 | Computation Reduction for Balancing the Voltages of the DC-link Capacitors in 3-level Inverter by Using Redundant Switching States | 11:40-12:00 |
| E2 Electric Machines and Drives | | pedstc12-1080 | Design Optimization of Tubular Linear Induction Motor Using Genetic Algorithm and Response Surface Methodology | 10:00-10:20 |
| | | pedstc12-1093 | Static Eccentricity Fault Detection in Salient and Non-Salient Synchronous Generators Using Harmonic Components | 10:20-10:40 |
| | | pedstc12-1098 | Comparison Study of Active Flux based Sliding-Mode Observer and PLL based Sliding-Mode Observer Sensorless Control of SynRM | 10:40-11:00 |
| | | pedstc12-1115 | Direct Thrust Force Control (DTFC) of Optimized Linear Induction Motor with Super Twisting Sliding Mode Controller (STSMC) | 11:00-11:20 |
| | | pedstc12-1117 | Sensorless flying start method for starting of induction motors | 11:20-11:40 |
| | | pedstc12-1140 | Robust Design of BLDC Motor for Jetboard Application | 11:40-12:00 |
| A1A | | pedstc12-1003 | Design and Implementation of an Adjustable 400 Hz Single-Phase Power Frequency Inverter | 12:00-12:20 |

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| | | pedstc12-1010 | Single-Phase Dynamic Voltage Restorer Based on AC-AC Trans-Z-Source Converter for Voltage Sag and Swell Mitigation | 12:20-12:40 |
| | | pedstc12-1035 | A Bridgeless Soft Switching PFC AC/DC Converter with Active Clamping Auxiliary Circuit | 12:40-13:00 |
| | | pedstc12-1044 | Performance Analyses of a Three-Port Converter for Post-Fault Conditions in Aerospace Applications | 13:00-13:20 |
| | | pedstc12-1048 | A new Resonant Domestic Induction Heating converter with High Power Conversion Efficiency | 13:20-13:40 |
| | | pedstc12-1070 | Bridgeless High Voltage Gain Active PFC Rectifiers with Positive/Negative Output and Low Semiconductor Count | 13:40-14:00 |
| T Wireless Transmission and Power Systems | | pedstc12-1055 | A Single-Phase Wireless Power Transfer System with a High-Frequency AC Link Converter in the Secondary for Three-Phase Applications | 12:00-12:20 |
| | | pedstc12-1065 | Maximum Power Per Current Control for Dynamic WPT Systems | 12:20-12:40 |
| | | pedstc12-1088 | Wireless Power Transfer System for Unmanned Aerial Vehicle | 12:40-13:00 |
| | | pedstc12-1142 | A Primary Side CCS-MPC Controller for Constant Current/Voltage Charging Operation of Series-Series Compensated Wireless Power Transfer Systems | 13:00-13:20 |
| | | pedstc12-1062 | Private Investors Participation in Long-Term Distribution Network Planning | 13:20-13:40 |
| | | pedstc12-1168 | Impact of Wind Turbines on Voltage Stability of Power Systems: Assessment and Improvement | 13:40-14:00 |
| M1 Multi-Level Inverters | | pedstc12-1026 | Hybrid Switched-Capacitor 9-Level Boost Inverter | 14:00-14:20 |
| | | pedstc12-1046 | A Boost Switched-Capacitor Multilevel Inverter Using Quasi-Resonant Inductor | 14:20-14:40 |
| | | pedstc12-1047 | Design and Analysis of a New Multilevel Inverter with Reduced Number of Switching Devices | 14:40-15:00 |
| | | pedstc12-1057 | Modeling and Simulation of Dual Z-source based Hybrid 2/3 Level Inverter | 15:00-15:20 |
| | | pedstc12-1067 | A Multilevel Converter Based on Cascaded Flying Cells with High Modularity and Single DC-link per Phase | 15:20-15:40 |
| | | pedstc12-1074 | Nested Neutral Point Clamped Converter Based DSTATCOM with Mixed-Sequence Reactive Current Compensation Capability | 15:40-16:00 |
| | | pedstc12-1083 | An H-Bridge Based Switched-Capacitor Boost Multi-Level Inverter | 16:00-16:20 |
| A2 Application of Power Electronic Converters | | pedstc12-1127 | Developed Experimental Analysis of Current THD of The CPV System Using Continuous Input-current Buck-Boost DC-DC Converter | 14:00-14:20 |
| | | pedstc12-1160 | Adapting Digital Twin Technology in Electric Railway Power Systems | 14:20-14:40 |
| | | pedstc12-1150 | Single Phase Active Power Filter Control Under Distorted Grid Voltage Using Quasi Open-Loop Grid-Synchronization Technique | 14:40-15:00 |
| | | pedstc12-1100 | Design and Comparative Finite Element and Thermal Analysis of 1-Phase Cylindrical Transformer for Low-Power Applications | 15:00-15:20 |
| | | pedstc12-1103 | Compatibility of Present 3kV DC and 2×25 kV AC High-Speed Railway Power Supply Systems Towards Future MVDC System | 15:20-15:40 |
| | | pedstc12-1109 | Three-Phase Modular PFC Converter in Continuous Conduction Mode | 15:40-16:00 |
| D3 DC-DC Converters | | pedstc12-1068 | ZVT Flyback with an Active Auxiliary Circuit | 16:00-16:20 |
| | | pedstc12-1069 | A Novel Zero Voltage Transition soft-switching PWM Boost Converter with low voltage stress | 16:20-16:40 |
| | | pedstc12-1072 | A Modular Two-Stage High Step-Down DC-DC Converter Using Frequency Multiplier Circuit for Datacenter Applications | 16:40-17:00 |
| | | pedstc12-1073 | A Soft Switching Interleaved High Step-down Converter with low voltage stress | 17:00-17:20 |
| | | pedstc12-1086 | A New Non-Isolated Single Switch High Step-up DC/DC Converter Based on Inductor Cells | 17:20-17:40 |



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| | | pedstc12-1090 | A New High Conversion Ratio Transformerless Buck-Boost Converter with Continuous Input Current | 17:40-18:00 |
| R Resonant Converters and Energy Storage Systems | | pedstc12-1107 | Single Switch ZVS Transformerless Resonant High Step-up Converter | 16:00-16:20 |
| | | pedstc12-1134 | A Hybrid Control Approach for LLC Resonant Converter | 16:20-16:40 |
| | | pedstc12-1136 | Design and Analysis of an Isolated Single-Stage Resonant AC-DC Converter with PFC | 16:40-17:00 |
| | | pedstc12-1162 | A Novel SEPIC-Based Quasi-Resonant High Step-up DC/DC Converter with Soft-Switching | 17:00-17:20 |
| | | pedstc12-1092 | Estimation of CM Parasitic Capacitances in Front-end LLC Resonant DC-DC Converters | 17:20-17:40 |
| | | pedstc12-1108 | State-of-Charge Estimation of NMC-based Li-ion Battery Based on Continuous Transfer Function Model and Extended Kalman Filter | 17:40-18:00 |
| | | pedstc12-1159 | Estimation of Batteries Voltages and Resistances in Modular Multilevel Converter with Half-Bridge Modules Using Modified PSO Algorithm | 18:00-18:20 |

Day 3: Thursday, 4 Feb. 2021 (16 of Bahman 99)

| Day 3: Thursday, 4 February 2021 (16 of Bahman 1399) | | | | |
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| Session | Chairs | Paper ID | Title | Time |
| D4 DC-DC Converters | | pedstc12-1105 | A Common Ground Transformer-less High Gain DC-DC Buck-Boost Converter | 8:00-8:20 |
| | | pedstc12-1112 | A Single Switch High Voltage Gain DC-DC Converter Based on Coupled Inductor and Switched-Capacitor for Renewable Energy Systems | 8:20-8:40 |
| | | pedstc12-1119 | A Non-isolated High Step-up Soft Switching DC to DC Converter with Continues input Current and Low Switch Voltage Stress | 8:40-9:00 |
| | | pedstc12-1125 | A Continuous Input Current DC-DC Converter Based on Coupled Inductor for Renewable Energy Applications | 9:00-9:20 |
| | | pedstc12-1129 | A Dual Switch/Inductor Isolated High Voltage Gain Based on Voltage Lift | 9:20-9:40 |
| | | pedstc12-1144 | Analysis and Investigation of a Soft-Switched Synchronous Buck Converter | 9:40-10:00 |
| C2 Control of Power Electronic Converters | | pedstc12-1064 | A Study on Applying Interleaved Switching Pattern on a Double-Input/Single-Output Zeta Converter | 8:00-8:20 |
| | | pedstc12-1066 | Model-Free Predictive Combined Control for Three-Phase Grid Connected Voltage Source Converters | 8:20-8:40 |
| | | pedstc12-1081 | Virtual Voltage Vector Based Predictive Control of High Performance Modified Quasi-Z-Source Inverter with the Aim of Constant Common-Mode Voltage | 8:40-9:00 |
| | | pedstc12-1084 | Voltage Balancing of Capacitors Using Kalman Filter in Modular Multilevel Converters without Current Sensors | 9:00-9:20 |
| | | pedstc12-1087 | Improved Indirect Model Predictive Control for Modular Multilevel Converter | 9:20-9:40 |
| | | pedstc12-1095 | A Space Vector Modulation based Model Predictive Control for Low Frequency Operation of Nested Piloted NPC | 9:40-10:00 |
| M2 Multi-Level Inverters | | pedstc12-1089 | Novel switched-capacitor-based multilevel inverter topology for renewable energy | 10:00-10:20 |
| | | pedstc12-1091 | A Thirteen-Level Flying Capacitor based Single-Phase Inverter with Self-Balancing Capability | 10:20-10:40 |
| | | pedstc12-1116 | Staircase Selective Harmonic Elimination in Multilevel Inverters to Achieve Wide Output Voltage Range | 10:40-11:00 |
| | | pedstc12-1152 | A Novel Boost Fifteen-Level Asymmetrical Flying-Capacitor Inverter with Natural Balancing of Capacitor Voltages | 11:00-11:20 |
| | | pedstc12-1170 | A New Multilevel Inverter: An Attempt to Reduce Power Components | 11:20-11:40 |

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| | | pedstc12-1181 | A Novel H-Type MLI with the reduction in Power Electronic Devices | 11:40-12:00 |
| | | pedstc12-1138 | A New Hybrid Three-Phase Multilevel Inverter Devoted to Electric Drive with Constant Volt per Hertz Control | 12:00-12:20 |
| A3 Application of Power Electronic Converters | | pedstc12-1128 | Harmonic Reduction by Voltage Reinjection Strategy in 12-Pulse VSI for High Power Applications | 10:00-10:20 |
| | | pedstc12-1130 | Operation of the AC-AC Converter Based Dynamic Voltage Restorer in Weak Distribution Systems | 10:20-10:40 |
| | | pedstc12-1161 | A wide soft switching range Power factor correction Converter | 10:40-11:00 |
| | | pedstc12-1167 | More Electric Aircraft Fault Current Protection: A Review | 11:00-11:20 |
| | | pedstc12-1094 | Simple Innovative Method for Online Condition Monitoring of IGBTs in Back-to-Back Converters | 11:20-11:40 |
| | | pedstc12-1133 | Examination and Comparison of Thyristor and Gate-Controlled Series Capacitors Performance for the Voltage Stabilization of Sensitive Loads | 11:40-12:00 |
| E3 Electric Machines and Drives | | pedstc12-1145 | A New MPC-based Approach for Torque Ripple Reduction in BLDC Motor Drive | 12:00-12:20 |
| | | pedstc12-1146 | Robust Torque control of induction motor using STSM control | 12:20-12:40 |
| | | pedstc12-1156 | Proposing an Effective Armature Winding for a Small DC Motor using Sensitivity Analysis Based Algorithm | 12:40-13:00 |
| | | pedstc12-1169 | A Comprehensive Analysis of a Complementary-Rotor Doubly Salient Permanent Magnet Motor for High Torque Applications | 13:00-13:20 |
| | | pedstc12-1018 | Emulation of Direct-Drive Wind Energy Conversion Systems Based on Permanent Magnet Synchronous Generators | 13:20-13:40 |
| | | pedstc12-1166 | A 9-Switch 3-Level VSI-Based MPSC of PMSM Without Weighting Factors | 13:40-14:00 |
| D5 DC-DC Converters | | pedstc12-1155 | A Single-Switch Quadratic Boost with Stacked Zeta Converter | 14:00-14:20 |
| | | pedstc12-1173 | A New High Step-Up DC-DC Converter Based on Impedance Network | 14:20-14:40 |
| | | pedstc12-1180 | A Two-Phase Hybrid Switched-Inductor DC-DC Converter with High Voltage Conversion Ratio | 14:40-15:00 |
| | | pedstc12-1149 | Analysis of a High-efficient Step-Up Converter with ZVS Operation | 15:00-15:20 |
| | | pedstc12-1005 | Hybrid Control for a Boost DC-DC Converter with Average Dwell Time | 15:20-15:40 |
| | | pedstc12-1135 | A Comprehensive Analysis and Modeling of The Bidirectional Three-Level DC-DC Converter with Auxiliary Control Scheme for Balancing Voltages of Its Capacitors | 15:40-16:00 |
| C3 Control of Power Electronic Converters | | pedstc12-1157 | A Hybrid SMC Strategy for Sequential Switching Shunt Regulator | 14:00-14:20 |
| | | pedstc12-1143 | Converter mechanism scheduling by type-2 fuzzy approach for PV/battery/Fuel systems | 14:20-14:40 |
| | | pedstc12-1096 | Improvement of the Railway Power Flow Controller's Performance Using Sliding Mode Control Method | 14:40-15:00 |
| | | pedstc12-1118 | Hamiltonian Energy-Based Sliding Mode Control Approach for a Multi-port Bidirectional EV Charger via Zero Dynamic | 15:00-15:20 |
| | | pedstc12-1158 | DC Voltage Drop Compensation in Automotive Drives by Finite Set Model Predictive Control | 15:20-15:40 |
| | | pedstc12-1124 | Performance Improvement of Photovoltaic Emulator Using Lambert W Model and Fractional Order PI Controller | 15:40-16:00 |