

#	Title	Authors	Decision	Presented	Presenter's Country
1	Tutorial: Power Line Carrier Communications in Transmission and Distribution Power Grids: New Stage in Evolution	Anton Merkulov		YES	Kazakhstan
2	Tutorial: Real Time Simulation and HIL Applications in Modern Power Systems	Paul Forsyth		YES	Canada
3	Tutorial: Power Systems with High Renewable Shares: Frequency Stability and Security Issues	Hassan Haes Alhelou		YES	Syria
4	Tutorial: Reactive Power Compensation and STATCOM Applications	Gökhan ÖNAL		YES	Turkey
5	Keynote: Living Microgrids – Energy flowing from inside out	Josep M. Guerrero		YES	Denmark
6	Keynote: Technology Entrepreneurship and Internet of Things,	Vehbi Cagri Gungor		YES	Turkey
7	Keynote: Recent and Future Research on Microgrid Clusters	Farhad Shahnia		YES	Australia
8	Keynote: The Future DC Grids Include Wireless Energy	Stanimir Valtchev		YES	Portugal
9	Keynote: Optimal Operation of Distributed Prosumers for Ancillary Services Provision in Electricity Markets	Pierluigi Siano		YES	Italy
10	Keynote: New Discoveries – Advanced Electromagnetic Actuation Systems	Elena Lomonova		YES	Netherlands
11	Keynote: Importance of IEC 61850 standard in the concept of the Smart Grid	Andrea Bonetti		YES	Sweden
12	13 Voltage Stability Enhancement Using A Novel Active Power Filter System	Rachid Dehimi, Altan Gencer, Glaoui Hachemi	ACCEPT	YES	Turkey
13	14 Neuro-Fuzzy Based Handover Authentication Protocol for Ultra Dense 5G Networks	Vincent O. Nyangaresi, Anthony J. Rodrigues, Silvanice O. Abeka	ACCEPT	YES	Kenya
14	16 Two-Stage Flyback Micro Inverter for Solar Power Conversion	Ersan Kabalci, Aydin Boyar	ACCEPT	YES	Turkey
15	19 An Interleaved Flyback Micro Inverter with H5 Topology for Photovoltaic Applications	Ersan Kabalci, Aydin Boyar	ACCEPT	YES	Turkey
16	22 Speed-Sensorless Finite Control Set Model Predictive Control of PMSM with Permanent Magnet Flux Linkage Estimation	Emrah Zerdali, Patrick Wheeler	ACCEPT	YES	Turkey
17	23 Comparative Performance Assessment of Hysteresis and Constant Switching Frequency DTC over AC Machines	Gizem Ketenci, Murat Karabacak	ACCEPT	YES	Turkey
18	25 Stability issues with inverter loads and their control in low inertia islanded microgrids	Nauman Beg, Helmuth Biechl, Argo Rosin	ACCEPT	YES	Germany
19	26 An Experimental Assessment of Predictive Current Control for Nine-Switch Inverter	Ozan Gulbudak, Mustafa Gokdag	ACCEPT	YES	Turkey
20	27 FPGA-Based Model Predictive Control for Power Converters	Ozan Gulbudak, Mustafa Gokdag	ACCEPT	YES	Turkey
21	29 A New Formula for Mutual Inductance of Inductively Coupled Ring Coils in Inductive Wireless Power Transfer System	Sarab AL-CHLAHAWI*, Stanimir Valtchev, Ersan Kabalci	ACCEPT	YES	Portugal
22	30 Machine Learning Models for Predicting the Quality Factor of FSO Systems with Multiple Transceivers	Amal Algeidir, Taissir Elganimi	ACCEPT	YES	Libya
23	31 Energy Data Visualizations on Smartphones for Triggering Behavioral Change: Novel Vs. Conventional	Ayman Jamal Al-Kababji, Abdullah Alsalemi, Yassine Himeur, Faycal Bensaali, Abbes Amira, Rachael Fernandez, Noora Fetais	ACCEPT	YES	Qatar
24	32 Damping Based Relative Stability Regions in Load Frequency Control System with Plug-in Electric Vehicles and Communication Delays	Ausnain Naveed, Şahin Sönmez, Saffet Ayasun	ACCEPT	YES	Turkey
25	33 Throughput Analysis over 5G NR Physical Uplink Shared Channel	Yasin Kabalci, Muhammad Ali	ACCEPT	YES	Pakistan
26	38 Performance Assessment of Hybrid Precoders in the Presence of Artificial Noise	Yasin Kabalci, Muhammad Ali	ACCEPT	YES	Pakistan
27	39 Energy Efficient Power Allocation in Massive MIMO NOMA Systems Based on SIF Using Cell Division Technique	Abdourasoul Saknaei Gharageziou, Jafar Pourrostam , Mahdi Nangir, Mahdi Safari	ACCEPT	YES	Iran
28	40 A Generalized Control Strategy for DC-DC Converter used in DC Microgrid with SWT, PV and FC	Ali DALI, Samir ABDELMALEK, Altan Gencer, Azzeddine Bakdi, Maamar Bettayeb	ACCEPT	YES	Algeria
29	42 DC –DC X -Converter Comparison with Buck Boost Converter with Proposed Controller	Ammar Falah Algamluoli, Haider Mohammed Abdulhadi, Aya Falah Algamluoli	ACCEPT	YES	Iraq
30	43 Speed Control of DC Motor Based on Tuning Pole Placement Using Enhanced PSO	Ammar Falah Algamluoli, Haider Mohammed Abdulhadi, Aya Falah Algamluoli	ACCEPT	YES	Iraq
31	44 Hybridization of Solar Panels and EV Chargers: A Stochastic Simulation	Berke Can Hasdemir, Dilber Acikgoz, Gokturk Poyrazoglu	ACCEPT	YES	Turkey
32	45 Evaluation of eddy current losses in the cooling sleeve of a toroidal high speed permanent magnet machine	Flavia Ferrucci, Marko Merdzan, Elena Lomonova, Fabio Giulii Capponi	ACCEPT	YES	Italy
33	46 Servo Brake Control based on Finite Control Set–Model Predictive Control with a Voltage Smoother	Hiroaki Kawai, Julien Cordier, Ralph Kennel, Shinji Doki	ACCEPT	YES	Japan
34	47 Economic evaluation of dynamic thermal rating under variable loading conditions for the flexibility of power systems with wind power plants	Ömer Gül, Tanju Ülker	ACCEPT	YES	Turkey
35	48 Novel Hybrid High Gain Converter: Combination of Cuk and Buck-Boost Structures with Switched Inductor for DC Microgrid	Nikta Gupta, Sagar Bhaskar Mahajan, Sanjeevikumar Padmanaban, Jens Bo Holm-Nielsen, Dhafar Almakhlis, Massimo Mitolo	ACCEPT	YES	Denmark
36	49 Online Parameter Estimation of a Lithium-Ion Battery based on Sunflower Optimization Algorithm	Elmarghichi Mouncef, Bouzi Mostafa, Ettalabi Naoufl	ACCEPT	YES	Algeria
37	50 Secured Hybrid Precoder Design Based on Generalized Triangular Decomposition Method	Yasin Kabalci, Muhammad Ali	ACCEPT	YES	Pakistan
38	51 Optimal Battery Sizing in Micro-grid by Linear Programming	Gokturk Poyrazoglu, Burak Arda Taskiran, Naim Kayabolun	ACCEPT	YES	Turkey
39	52 Solar PV Power Forecasting Using Modified SVR with Gauss-Newton Method	Punam Pawar, Mithulananthan Nadarajah, Muhammad Qamar Raza	ACCEPT	YES	Australia
40	53 Prediction Algorithm & Learner Selection for European Day-Ahead Electricity Prices	Toygar Ulgen, Ahmad El Sayed, Gokturk Poyrazoglu	ACCEPT	YES	Turkey

41	56	Adaptive Nonlinear Controller for the Trajectory Tracking of the Quadrotor with Uncertainties	Abdellah BENADDY, Moussa LABBADI, Mostafa BOUZI	ACCEPT	YES	Algeria
42	57	The Tuning of Controller Parameters for Time-Delayed Micro-Grid System Including Electric Vehicles	Hakan Gündüz, Şahin Sönmez, Saffet Ayasun	ACCEPT	YES	Turkey
43	58	V2G Applicable Electric Vehicle Chargers, Power Converters & Their Controllers: A Review	Gorkem Berk Sahinler, Gokturk Poyrazoglu	ACCEPT	YES	Turkey
44	59	The Impact of Electric Vehicle Charging Stations on Power Distribution Grid by Statistical and Probabilistic Simulation	Dogukan Keser, Gokturk Poyrazoglu	ACCEPT	YES	Turkey
45	60	Bringing ROCOF into spotlight in smart grids: new standardization and UFLS method	Andrea Bonetti, Janez Zakonsek, Urban Rudez	ACCEPT	YES	Sweden/Sloveni
46	61	Design and Optimization of Permanent Magnet Synchronous Motor for Electric Vehicle Applications	Abdulsamed Lordoglu, Ahmet Hamdi Levent, Mustafa Gürkan Aydeniz	ACCEPT	YES	Turkey
47	62	Performance Enhancement of Crescent Patch Antenna with Rectangular Slots and Inset Fed for 5G Applications	Kutay Cüneray, Nursel Akçam, Tayfun Okan	ACCEPT	YES	Turkey
48	65	Single Dual Setting Directional Over-current Relay Based Line Protection Logic for Distributed Generation Integrated Power Systems	Ibrahim Evkay, Sobia Ashraf, Mustafa Baysal, Ugur Selamogullari, Osman Hasan	ACCEPT	YES	Turkey
49	67	A Method for Real-Time Sensorless Speed Control of Brushed DC Motors in Cost Constrained Systems	Daniel Ertl, Luke G Weber	ACCEPT	YES	USA
50	69	D-Statcom-Fuel Cell Energy Control Based on a Instantaneous Reactive Power Theory	Dehini Rachid, Altan Gencer, Glaoui Hachemi	ACCEPT	YES	Algeria
51	70	DDoS Attack Detection And Mitigation at SDN Data Plane Layer	Huda Saleh Abdulkarem, Ammar Dawod	ACCEPT	YES	Iraq
52	72	Risk Assessment by Using Failure Modes and Effects Analysis (FMEA) Based on Power Transformer Aging for Maintenance and Replacement Decision	Ömer Gül, Onur Hakkı Eyüboğlu, Burak Dindar	ACCEPT	YES	Turkey
53	73	Series Resonance Type Fault Current Limiter for Fault Current Limitation and Voltage Sag Mitigation in Electrical Distribution System	Ömer Gül, Burak Dindar, Onur Hakkı Eyüboğlu	ACCEPT	YES	Turkey
54	74	Cobalt Iron Core Impact on Optimal Design of an Interior Permanent Magnet Synchronous Motor for Competition Electric Vehicle	Pedro P. C. Bhagubai, João F. P. Fernandes, António C. Cardoso	ACCEPT	YES	Portugal
55	75	Stress Analysis Based on Semiconductor Equivalent Circuit Model in Flyback Converters	Alperen Pekdemir, Ali Bekir Yıldız	ACCEPT	YES	Turkey
56	76	Speed Control of DC Motor Under Load Condition Using Single Phase Matrix Converter	Merve Boydak, Ahmet Orhan, Abuzer Çalışkan	ACCEPT	YES	Turkey
57	77	High resolution L-band stepped frequency continuous wave radar for smuggling contrast	Massimo Donelli*, Giada Marchi, Mohammedhusen Manekiya, Ivano Maccani, Claudio Pascucci	ACCEPT	YES	Italy
58	78	Design of IPMSM with Reduced Torque Ripple Through Advanced Sine-Shaped Poles	Mateus M Lumertz, Allan Castro, Stefan T C A Santos, Manoel Aguiar, José Monteiro	ACCEPT	YES	Brasil
60	81	Speed-Sensorless FCS-PTC Based Induction Motor Drive Capable of Disturbance Rejection	Emrah Zerdali, Ridvan Demir, Murat Barut	ACCEPT	YES	Turkey
61	82	Application of Calorimetric Technique for WBG Transistor Loss Assessment	Kaspars Kroics, Vikash Shyamjibhai Mainyani	ACCEPT	YES	Latvia
62	83	Fault Operating Condition of Modular Multilevel Converter-Based HVDC Using Lyapunov Method Compensators	Majid Mehrasa*, Nima Beheshti, Mohammad Rezaejad, Glen G Farivar, Josep Pou, Seddik Bacha, Ahmad Hably	ACCEPT	YES	Italy
63	84	Improving the Torque Ripple with a Solid Double Rotor Configuration in PM Flux Switching Generators	José Silva, Francisco F. Silva, João F. P. Fernandes, Paulo Branco	ACCEPT	YES	Portugal
64	85	Use of Smart Inverters for Provision of Voltage Support to Medium and High Voltage Networks	Maria José Parajeles Herrera*, Ricardo Ramirez Barquero, Gustavo Valverde Mora	ACCEPT	YES	Costa Rica
65	86	Decentralized Space Vector PWM Method for Multilevel Multiphase Converters	Quoc Dung PHAN*, Phu Cong NGUYEN	ACCEPT	YES	Vietnam
66	87	Intentional Islanding of Electricity Grids Using Binary Genetic Algorithm	Anzhelika Ivanova*, Pol Paradell, José Luis Domínguez - García, Alba Colet	ACCEPT	YES	Spain
67	89	DC-Link Voltage Stability-Based Control Strategy for Grid-Connected Hybrid AC/DC Microgrid	Ali Zafari, Majid Mehrasa, Kumars Rouzbehi, Mahdieh S. Sadabadi, Seddik Bacha, Ahmad Hably	ACCEPT	YES	Italy
68	90	Speed Control of DC Motor Using Single Phase Matrix Converter	Merve Boydak, Ahmet Orhan, Abuzer Çalışkan	ACCEPT	YES	Turkey
69	91	Performance Analysis of Polar Coding Scheme for Narrowband Internet of Thing Systems	Rabiu Sale Zakariyya*, Akinwale O. Fadamiro, Md Khalid Hossain Jewel, Umar M. Jibrin, Adamu M. Jajere	ACCEPT	YES	China
70	92	On the Imputation of Power System Measurement Streams with Imperfect Wireless Communication	Theodoros Alexopoulos*, Charalampos Kalalas, George Korres	ACCEPT	YES	Greece
71	93	Least square method for impedance based fault location in ungrounded networks	Izudin Dzafic, Tarik Namas*, Tarik Hrnjić	ACCEPT	YES	Bosnia Herzegovina
72	96	Speed Estimation of Vector Controlled Three-Phase Induction Motor Under Four-Quadrant Operation Using Stator Currents and Voltages	Sadik Özdemir	ACCEPT	YES	Turkey
73	97	Load-Torque Estimation Under Four-Quadrant Operation of Vector Controlled Three-Phase Induction Motor Using Stator Current and Voltages	Sadik Özdemir	ACCEPT	YES	Turkey
74	98	Analysis of Switched Capacitor Circuits Based on Unified Ideal Switch Model	Gizem B Birtek, Ali Bekir Yıldız	ACCEPT	YES	Turkey
75	100	Efficient Modelling for Analysis of Magnetically Controlled Saturable Reactor	Berkay Sabuncu, Ali Bekir Yıldız	ACCEPT	YES	Turkey
76	101	A New Transformerless Single-Phase Eleven-Level Inverter with Reduction of Switches Based on Model Predictive Control Method	Babak Rooholahi	ACCEPT	YES	Germany
77	103	Distributed Hierarchical Control for Proportional Current Sharing in PV Systems	Ayberk Calpibinici; Erdal Irmak; Ersan Kabalci	ACCEPT	YES	Turkey
78	105	Adaptive Optics Effects on Average Channel Capacity of Oceanic Optical Wireless Communication Systems in Strong Turbulence	Muhsin Caner Gökçe	ACCEPT	YES	Turkey