2023 5th Global Power, Energy and Communication Conference (GPECOM2023)

14-16 Haziran 2023 tarihleri arasından Nevşehir Hacı Bektaş Veli Üniversitesi ev sahipliğinde düzenlenen 2023 5th Global Power, Energy and Communication Conference (GPECOM2023) konferansında sunulan bildiriler, ülkelere göre dağılım oranları ve Türkiye'den katılımcı oranları

#		Başlık	Yazarlar	Karar	Sunuldu mu?	Sunucunun Ülkesi
		Keynote: Advancements in Electric Vehicle Technology – Electric Machines and Power Electronics	Bulent Sarlioglu		EVET	ABD
		Keynote: Online Monitoring of the Smart Grid: Distributed System of Sensors and Devices	Andrea Bonetti – David Eckert		EVET	İsveç Almanya
		Keynote: The Strategies of Application of Communications Along Phase Conductors of High Voltage Power Transmission Lines for Future Power Grids	Anton Merkulov		EVET	Kazakistan
		Keynote: What will it take for wireless communications to conquer the sky?	Giovanni Geraci		EVET	İspanya
		Keynote: PEV Parking Lots for the Sustainable Energy Supply of Smart Cities	Aydogan Ozdemir		EVET	Türkiye
		Keynote: Resilience and Mixed Criticality: Concepts, Applications, and Research Challenges in the Era of Digital Twins and Metaverses	Aydin Sezgin		EVET	Almanya
	ID	**PROCEEDINGS**				
1	3	Efficient Driveline Architecture and Torque Distribution Strategy for Dual Traction Machines Electric Vehicles	Adel Oubelaid (Université de Bejaia, Algeria)*; Khoudir Kakouche (Université de Bejaia, Algeria); Nasreddine Belbachir (University of Mostaganem, Algeria); Toufik Rekioua (Université de Bejaia, Algeria); Mohit Bajaj (Graphic Era, India); Francisco Jurado (University of Jaen, Spain); Salah Kamel (Aswan Universiyt, Egypt)	KABUL	EVET	Cezayir
2	4	Energy Management Strategy of Dual-Source Electric Vehicles Based on Fuzzy Logic Control Considering Driving Cycles	Khoudir Kakouche (Université de Bejaia, Algeria); Adel Oubelaid (Université de Bejaia, Algeria); Smail Mezani (Université de Lorraine, France); Toufik Rekioua (Université de Bejaia, Algeria); Mohit Bajaj (Graphic Era, India); Francisco Jurado (University of Jaen, Spain)*; Salah Kamel (Aswan Universiyt, Egypt)	KABUL	EVET	Fransa
3	5	A Hybrid AOSAOA Technique for EV Parking Lot Optimization with Improved Power Quality	Prasad Rao (Koneru Lakshmaiah Education Foundation, India); Pandian A (KL India); Ch Rami Reddy (Joginpally B R Engineering College, India); Mohit Bajaj (Graphic Era, India); Francisco Jurado (University of Jaen, Spain, Spain)*; Salah Kamel (Aswan University, Egypt)	KABUL	EVET	Hindistan
4	6	Optimal Location of EV Parking Lot in Distribution System Using MAOWHO Technique	Prasad Rao (Koneru Lakshmaiah Education Foundation); Pandian A (KL, India); Ch Rami Reddy (Electrical and Electronics Engineering, Joginpally B R Engineering College, India); Mohit Bajaj (Graphic Era, India); Francisco Jurado (University of Jaen, Spain)*; Salah Kamel (Aswan Universiyt, Egypt)	KABUL	EVET	İspanya
5	7	Cascaded IMC & PI Digital Controller Comparison for Boost Converter with Non-Ideal Switch Modelled State-Space Averaging Method	Burhan Hükümen (Karabük University)*; Mustafa Gökdağ (Karabük University); Ozan Gulbudak (Karabuk University)	KABUL	EVET	Türkiye
6	8	AI and ML-based Information Security in Electric Vehicles: A Review	Dr. Nachaat Mohamed (Rabdan Academy, UAE); Saif Khameis Almazrouei (Abu Dhabi, UAE); Adel Oubelaid (LTII, Algeria); Mohit Bajaj (Graphic Era, India); Francisco Jurado (University of Jaen, Spain)*; Salah Kamel (Aswan Universiyt, Egypt)	KABUL	EVET	Birleşik Arap Emirlikleri
7	9	Reduced Switch Converter Topology For Double Traction Motors Electric Vehicles	Ahmed Azib (université de Bejaia, Algeria); Adel Oubelaid (LTII); Djamel Ziane (Faculté de Technologie, Université de Bejaia); Nachaat Mohamed (Rabdan Academy, UAE); Mohit Bajaj (Graphic Era, India); Francisco Jurado (University of Jaen, Spain)*; Salah Kamel (Aswan Universiyt, Egypt)	KABUL	EVET	Cezayir
8	11	Geothermal Energy: Addressing the Barriers to Widespread Generation and Use	Herschel B Herring (Florida Polytechnic University, USA)*; Muhammad Rashid (Florida Polytechnic University, USA)	KABUL	EVET	ABD
9	17	A Comparison Between MPC, Perturb & Observe (P & O) and Incremental Conductance Method (Inc)	Chaymae BOUBII (Ibn Tofail University, Morocco), Ismail El kafazi (Moroccan School Engineering Sciences)*;Rachid Bannari (Ibn Tofail University), Brahim EL BHIRI (Moroccan School Engineering Sciences)	KABUL	EVET	Fas
10	19	A Compact Model of Off-Grid Micro-Hydro Generation, Low Impact and Accessible in Remote Areas	Francisco G Arias (UPS, Ecuador); Flavio Quizhpi (Universidad Politécnica Salesiana, Ecuador)*	KABUL	EVET	Ekvador
11	21	Hardware In The Loop Real-Time Implementation Of Small Wind Turbine Emulator Using Dspace 1104 Board	Fares Debbabi (Universite des Antilles, France)*; Fateh MEHAZZEM (Université des Antilles); Ted Soubdhan (Antilles University)	KABUL	EVET	Fransa
12	22	Genetic Algorithm-based MPPT For Wind Power Conversion System: Study and Comparison With Conventional Method In Tropical Climate	Fares Debbabi (Universite des Antilles, France)*; Fateh MEHAZZEM (Université des Antilles); Ted Soubdhan (Antilles University)	KABUL	EVET	Fransa
13	24	Forecasting Energy Consumption of Electric Vehicles	Hasan Huseyin Coban (Ardahan University); Mohit Bajaj (Graphic Era, India); Vojtech Blazek (Technical University of Ostrava, Czech Republic); Francisco Jurado (University of Jaen, Spain)*; Salah Kamel (Aswan Universiyt, Egypt)	KABUL	EVET	Hindistan
14	25	Combined Voltage and Frequency Control of Multi Area Power System using Sooty Tern Algorithm Optimized Cascade Controller	CH Naga Sai Kalyan (Vasireddy Venkatadri Institute of Technology, India); Kambhampati Venkata Govardhan Rao (St. Martin's Engineering College, India); B Srikanth Goud (Anurag University, India); Mohit Bajaj (Graphic Era, India); Francisco Jurado (University of Jaen, Spain)*; Salah Kamel (Aswan University, Egypt)	KABUL	EVET	Hindistan
15	26	Sooty Tern Optimization Technique based 2DOFPID Controller for Stability of Multisource Power System with Plug-in Electric Vehicles Integration	CH Naga Sai Kalyan (Vasireddy Venkatadri Institute of Technology, India); Bhurugu Sravanthi (Vignana Bharathi Institute of Technology, India); B Srikanth Goud (Anurag University); Mohit Bajaj (Graphic Era, India); Vojtech Blazek (Technical University of Ostrava, Czech Republic); Francisco Jurado (University of Jaen, Spain)*; Salah Kamel (Aswan University, Egypt)	KABUL	EVET	Hindistan
16	29	Tabu Search Optimization for Energy Management in Microgrids: A Solution to Grid-Connected and Standalone Operation Modes	Oussama Laayati (Hassan First University of Settat, Morocco)*; Hicham El Hadraoui (UM6P); Mostafa Bouzi (FST SETTAT); Adila El Maghraoui (University Mohammed VI Polytechnic); Younes Ledmaoui (EHTP); Ahmed Chebak (UM6P)	KABUL	EVET	Fas
17	30	Investigation of Distance Protection Applied to the Bahrain Interconnection on the Gulf Cooperation Council (GCC) Power Grid	Hasan Isa (University of Manchester, UK)*; Peter A. Crossley (University of Exeter, UK)	KABUL	EVET	İngiltere
18	34	Field Experience in Traveling-Wave Fault Locator Based Auto-Reclose Cancelling on a Hybrid Transmission Line	Erwin Dian Saputro (PLN Indonesia); Eko Prasetyo (PLN Indonesia)*; Martin Choirul Fatah (PLN Institute of Technology)	KABUL	EVET	Endonezya
19	35	Didactic Integration for The Monitoring of Electric Power Systems Using Power Monitoring Expert with Modbus TCP/IP and IEC 61850 Communication	Flavio Quizhpi (Universidad Politécnica Salesiana, Ecuador)*; Jefferson Adrian Gutama Chuñir (Universidad Politécnica Salesiana, Ecuador); Danny Fabián Cisneros Solorzano (Universidad Politécnica Salesiana, Ecuador)	KABUL	EVET	Ekvador
20	38	Deep Learning Aided Channel Estimation in Intelligent Reflecting Surfaces	Ural MUTLU (Niğde Ömer Halisdemir Üniversitesi, Turkiye); Yasin KABALCI (Nigde Ömer Halisdemir University)*	KABUL	EVET	Türkiye
21	39	Efficient Sliding Mode Controllers for Off-grid Photovoltaic Systems	Yassine Chaibi (Smartilab laboratory, EMSI, Morocco)*; Mohamed Benslimane (EMSI, Morocco), Mohamed Salhi (ENSAM, Moulay Ismail University, Meknes, Morocco)	KABUL	EVET	Fas
22	41	Improvement Performances of Sensorless Control for PMSM Based on DTC Strategy Using SMO Observer and RL-TD3 Agent	Marcel Nicola (ICMET Craiova, Romania); Claudiu I NICOLA (ICMET Craiova)*	KABUL	EVET	Romanya
23	42	Improved Control of DC-DC Converter for Fuel Cell and Battery Hybrid System Based on Ant Colony Optimization and RL-TD3 Agent	Marcel Nicola (ICMET Craiova); Claudiu I NICOLA (ICMET Craiova)*	KABUL	EVET	Romanya

24	43	Parameter and Siting Optimization of Concentrated Solar Power - Parabolic Trough Distributed Generation Using Elitist Non-dominated Sorting Genetic Algorithm	Austin Lloyd C Catap (University of the Philippines Los Baños, Philippines); Rodolfo Jr. A. Aguirre (University of the Philippines Los Baños, Philippines)*; John Paul P Manzano (University of the Philippines Los Baños, Philippines)	KABUL	EVET	Filipinler
25	44	Influence of the number of Sections on the Leakage Reactance of the Multi-Winding Transformer	Kamran Dawood (Astor Transformer, Turkiye)*; Semih Tursun (Astor Transformer, Turkiye)	KABUL	EVET	Türkiye
26	45	Reliability Indicators of Electrical Distribution Networks in Absence of Gas and Hot Water Supply	Saidjon S Tavarov (South Ural State University, Russia); Smolin Anton (South Ural State University, Russia); Adel Oubelaid (LTII, Algeria); Mohit Bajaj (Graphic Era, India); Francisco Jurado (University of Jaen, Spain)*; Salah Kamel (Aswan Universiyt, Egypt)	KABUL	EVET	Rusya
27	46	Improvements on The P&O Method for PV Panels	Cezara-Liliana T Rat (University Polytechnica Timisoara, Romania)*; Catalin-Ioan Ichim-Burlacu (University Polytechnica Timisoara); Manuela Panoiu (University Polytechnica Timisoara)	KABUL	EVET	Romanya
28	47	PV Panel Monitoring using Arduino and LabVIEW	Catalin-Ioan Ichim-Burlacu (Politehnica University Timisoara); Caius Virgilius Panoiu (Politehnica University Timisoara); Corina Cuntan (Politehnica University Timisoara)	KABUL	EVET	Romanya
29	50	Uncertainty Dealing Energy Management of a PV and Battery Supplied Grid Connected Charging Service Station for a Fleet of Mobile Charging Oriented EVs	Gülşen Erdinç (İstanbul Gelişim University, Turkey)*	KABUL	EVET	Türkiye
30	53	Comparative Analysis of Three-Phase Configurations for Efficient Wireless Electric Vehicle Charging	Richard J Wiencek (Tennessee State University, USA); Sagnika Ghosh (Tennessee State University)*	KABUL	EVET	ABD
31	54	Optimal Frequency for Optimal Performance and Efficiency of a Single-Phase Wireless Power Transmission System	Richard J Wiencek (Tennessee State University); Sagnika Ghosh (Tennessee State University)*	KABUL	EVET	ABD
32	55	Hardware in the Loop (HIL) based Real Time Control of Single-Phase Grid-Connected Inverters	Tolganay Orynbassarova (Sakarya University of Applied Sciences, Turkiye)*; Ali Kuyumcu (Sakarya University of Applied Sciences); Murat Karabacak (Sakarya University of Applied Sciences)	KABUL	EVET	Türkiye
33	58	Nonlinear Convergence Factor Based Grey Wolf Optimization Algorithm and Load Frequency Control	Gökçe Sena Hocaoğlu (Karadeniz Technical University, Turkiye); Nazlıcan Çavli (Erzincan Binali Yıldırım University, Turkiye); Elçin Kılıç (Erzincan Binali Yıldırım University, Turkiye); Yahya Danayiyen (Karadeniz Technical University, Turkiye)*	KABUL	EVET	Türkiye
34	59	X-Band Pyramidal Horn Antenna Directivity Optimization with Symbiotic Organism Search Algorithm	Reyhan Sağ Örnek (Karadeniz Technical University, Turkiye); Ahmet Yahya Boğa (Karadeniz Technical University); Osman Kerem Ateş (Karadeniz Technical University); Yahya Danayiyen (Karadeniz Technical University)*	KABUL	EVET	Türkiye
35	61	FPGA-Based Hysteresis Current Control for Induction Motor fed by a Voltage-Source Inverter	Ozan Gulbudak (Karabuk University, Turkiye)*; Mustafa Gökdağ (Karabuk University)	KABUL	EVET	Türkiye
36	62	FPGA Implementation of Model Predictive Control for Driving Multi-Induction Motors	Ozan Gulbudak (Karabuk University)*; Mustafa Gökdağ (Karabuk University)	KABUL	EVET	Türkiye
37	63	Design of an Optimal PI Controller for Time-Delayed Two-Area LFC-VID System	Suud Ademnur Hasen (Gazi University, Turkiye); Ömer Aydın (Gazi University, Turkiye); Saffet Ayasun (Gazi University)*	KABUL	EVET	Türkiye
38	64	Effect of Large-scale PV Integration onto Existing Electrical Grid on Harmonic Generation and Mitigation Techniques	Adila El Maghraoui (University Mohammed VI Polytechnic, Morocco)*; Younes Ledmaoui (EHTP); Oussama Laayati (Hassan First University of Settat); Hicham El Hadraoui (UM6P); Ahmed Chebak (University Mohammed VI Polytechnic)	KABUL	EVET	Fas
39	67	Comparison of Model Predictive Torque Control Based NPC and ANPC Inverters for IM Drive	Ersan Kabalci (Nevsehir Haci Bektas Veli University, Turkiye)*; Yasin KABALCI (Nigde Ömer Halisdemir University, Turkiye); Aydin Boyar (Nevsehir Haci Bektas Veli University)	KABUL	EVET	Türkiye
40	71	Cooperative Hybrid-NOMA / Dynamic SWIPT-Pairing Mechanism for 6G THz Communications	Haider W. Oleiwi (Brunel University London, UK)*; Hamed Al-Raweshidy (Brunel University London)	KABUL	EVET	İngiltere
41	74	Secure Deep Autoencoder-based 6G Channel Estimation to Detect/Mitigate Adversarial Attacks	Haider W. Oleiwi (Brunel University London)*; Doaa Mhawi (Middle Technical University, Iraq); Hamed Al-Raweshidy (Brunel University London)	KABUL	EVET	İngiltere
42	76	Performance Evaluation of Low Sampling Rates for Event Detection and Appliance Recognition in NILM	Sumeyya Javaid (Lahore University of Management Sciences, Pakistan)*; Muhammad Ammar Abdullah (Lahore University of Management Sciences); Ahmad Nadeem (Lahore University of Management Sciences); Naveed Arshad (Lahore University of Management Sciences)	KABUL	EVET	Pakistan
43	81	Two Stage Dimmable PFC LED Driver Digital Controller Design and Analysis for Isolated SEPIC Converter	Burhan Hükümen (Karabük University, Turkiye)*; Mustafa Gökdağ (Karabük University); Ozan Gulbudak (Karabuk University)	KABUL	EVET	Türkiye
44	83	Diagnostic and Prognostic Health Management of Electric Vehicle Powertrains : An Empirical Methodology for Induction Motor Analysis	Hicham EL HADRAOUI (UM6P, Morocco)*; Oussama Laayati (Hassan First University of Settat); Adila El Maghraoui (University Mohammed VI Polytechnic); Erroumayssae Sabani (Chouaib Doukkali University); Mourad Zegrari (Benguerir Hassan II University of Casablanca); Ahmed Chebak (Green Tech Institute Mohammed VI Polytechnic University Benguerir)	KABUL	EVET	Fas
45	89	In-Vehicle Qi-Compliant Inductive Wireless Charging Solutions: A Review	Ezgi Guvercin (VESTEL Electronics Turkiye)*; Gokturk Poyrazoglu (Ozyegin University, Turkiye)	KABUL	EVET	Türkiye
46	90	Primary Side Control of a Self-Oscillating Wireless EV Charger with Inherent ZCS Operation	Konstantina Dimitriadou (Democritus University of Thrace, Greece); Nick Rigogiannis (Democritus University of Thrace); Anastasios Kyritsis (Ionian University); Nick Papanikolaou (Democritus University of Thrace)*	KABUL	EVET	Yunanistan
47	93	Mechanical Design of a Haptic Hand Exoskeleton for Tele-Exploration of Explosive Devices	Dante Jorge Dorantes-Gonzalez (MEF University, Turkiye)*	KABUL	EVET	Türkiye
48	94	Dynamic Modeling and Simulation of Two-stage Grid Utility Scale PV System	Osamuyi S Obadolagbonyi (Georgia Institute of Technology, USA)*, Sakis A.P Meliopoulos (Georgia Institute of Technology, USA), Kaiyu Liu (Georgia Institute of Technology, USA), Ali Karimi (Georgia Institute of Technology, USA)	KABUL	EVET	ABD
49	96	MPC-PSO of a DFIG and Comparison with PI Controller	Ismail El kafazi (Moroccan School Engineering Sciences, Morocco), Chaymae BOUBII (Ibn Tofail University), Hassan RAFIA (Mohammed V University, Morocco), Rachid Bannari (Ibn Tofail University), Brahim EL BHIRI (Moroccan School Engineering Sciences)	KABUL	EVET	Fas
50	97	Design and Simulation of the 5G Communication Infrastructure Between Solar Micro-Inverters and SCADA System	Sagnika Ghosh (Tennessee State University, USA)*; Richard J Wiencek (Tennessee State University, USA); Maria Laurent-rice (Stillman College, USA); Eden Black (Stillman College, USA); Taheerah Mujahid (Stillman College); Sameer Devisetty (Texas A&M University Kingsville); Monika priya.surabattula (Texas A&M University Kingsville); Ayush Goyal (Texas A&M University Kingsville); Cesar Luna (California State University Bakersfield); Kanwalinderjit Kaur (California State University Bakersfield)	KABUL	EVET	ABD
51	98	Robust Stability Region for Time-Delayed Single-Area LFC-EV System	Ömer Aydın (Gazi University, Turkiye); Suud Ademnur Hasen (Gazi University); Saffet Ayasun (Gazi University)*	KABUL	EVET	Türkiye
52	101	A Quantitative Framework to Evaluate the Resilience Enhancement in Power Distribution Feeders	Meher Preetam Korukondaa (Illinois Institute of Technology, USA), Shikhar Pandey (Commonwealth Edison Company, USA), Honghao Zheng (Commonwealth Edison Company, USA), Ahmed Alabdulwahab (King Abdulaziz University, Saudi Arabia), Abdullah Abusorrah (King Abdulaziz University, Saudi Arabia), Mohammad Shahidehpour (Illinois Institute of Technology, USA)	KABUL	EVET	ABD
53	111	Generator Grouping and Voltage Corrections for REI Reduction in Power Networks	Mariana Kamel (EnerNex, TN, USA), Abdelrahman Karrar (University of Tennessee at Chattanooga, USA)*;	KABUL	EVET	ABD
54	113	Optimizing Solar Power Generation: Real-time IoT Monitoring and ANN-Based Production Forecasting	Younes Ledmaoui (Hassania School of Public Works Morocco), Asmaa El Fahli (Mohammed VI Polytechnic University Morocco), Adila Elmaghraoui (Hassania School of Public Works Morocco), Mohamed El Aroussi (Hassania School of Public Works Morocco), Rachid Saadane (Mohammed VI Polytechnic University Morocco), Ahmed Chebak (Mohammed VI Polytechnic University Morocco)	KABUL	EVET	Fas

55	115	Insights into the L-index Voltage Stability Assessment; A Qualitative Approach	Mohamed Salah (University of Tennessee at Chattanooga, USA), Mariana Kamel (University of Tennessee at Chattanooga); Abdelrahman Karrar (University of Tennessee at Chattanooga);*	KABUL	EVET	ABD
56	117	Enhancement of Steady-State Performance of PFC Boost Rectifier using Modulated Model Predictive Control	Enis Kranda (Uskudar University, Turkiye)*; Mustafa Gökdağ (Karabük University); Ozan Gulbudak (Karabuk University); Dr. Natarajan Prabaharan (SASTRA Deemed University, India)	KABUL	EVET	Türkiye
57	118	High Resolution DoA Estimation Using LWA for MIMO OFDM Millimeter-Wave Systems	Rabiu Sale Zakariyya (Southern University of Science and Technology (SUSTech), Shenzhen)*; Muhammad Umar Farooq Qaisar (Southern University of Science and Technology (SUSTECH)); Umar M. Jibrin (Department of Engineering and Space System)	KABUL	EVET	China
58	127	Optimal Placement of a Combined Wind-Solar Farm Suppling a Railway Network in Morocco	Amine Drissi (Mohammed V University in Rabat, Morocco)*; Mohammed OUASSAID (Mohammed V University in Rabat, Morocco)	KABUL	EVET	Fas
59	131	Earthquake Effects on Electricity Network: A Case Study in Turkish Grid	Caner ÖZEN (Yesilirmak Electric Distribution Co., Türkiye)*; Kerim KAYA (Yesilirmak Electric Distribution Co., Turkiye)	KABUL	EVET	Türkiye
60	132	Application of Feature Selection in Distribution Transformer Design and Manufacturing Using Feed Forward Artificial Neural Network and Equilibrium Optimizer Algorithm	Mohammad Hassan Hashemi (Ege University, Turkiye)*; Ulaş Kılıç (Ege University); Selim Dikmen (Eltaş Transformatör A.Ş, Turkiye)	KABUL	EVET	Türkiye
61	133	Low-carbon Operation of Smart House Based on Dynamic CO2 Emissions Intensity Considering Power Generation Status of Electric Power System	Shinya Yamamoto (University of the Ryukyus, Japan)*; Masahiro Furukakoi (University of the Ryukyus); Narayanan Krishna (SASTRA Deemed University); Ashraf M. Hemeida (Aswan University, Egypt); Hiroshi Takahashi (Fuji Electric Co., Ltd., Japan); Tomonobu Senjyu (University of the Ryukyus)	KABUL	EVET	Japonya
62	135	Digital Twin-Enabled Monitoring of Mining Haul Trucks with Expert System Integration: A Case Study in an Experimental Open-Pit Mine	Nabil ELBAZI (Green Tech Institute - UM6P, Morocco)*; Abderrahman Tigami (Digital Business Solution - UM6P); Oussama Laayati (Hassan First University of Settat); Adila El Maghraoui (University Mohammed VI Polytechnic); Ahmed Chebak (Green Tech Institute - UM6P); Mustapha Mabrouki (University Sultan Moulay Slimane of Benimellal)	KABUL	EVET	Fas
63	136	Machine Learning and EMI For MOSFET Aging Diagnosis	Cheikhna Ma Ahmed Taleb (Université de Sousse, Tunisia)*; Jaleleddine Ben Hadj Slama, (Université de Sousse, Tunisia); Othman Nasri (Université de Sousse, Tunisia); Mamoudou Ndongo (University of Nouakchott Al Aasriya, Mauritania)	KABUL	EVET	Tunus
64	137	Multi-Objective Optimization with Multiple Load Control Strategy	Yuya Tanigawa (University of the Ryukyus, Japan)*; Masahiro Furukakoi (Sasebo College, Japan); Paras Mandal (University of Texas at El Paso, USA); Alexey Mikhaylov (Financial University, Russia); Hiroshi Takahashi (Fuji Electric Co., Ltd, Japan); Tomonobu Senjyu (University of the Ryukyus, Japan)	KABUL	EVET	Japonya
65	139	An Integrated Approach for Modelling Electric Powertrain	Shashwat Chandra (Motilal Nehru National Institute of Technology, India); Arun Chandrasekharan Nair (Mercedes-Benz Research and Development India)*; Ashwini Kumar Yadav (MNNIT India); Sachin Singhal (Mercedes-Benz Research and Development India)	KABUL	EVET	Hindistan
66	140	Automatic Docking Method for Charging Connector of Electric Vehicle Based on Hybrid Force-position Compliance Control	Lianming Hun (State Grid Electric Power Research Institute Co.,Ltd, China)*; Heng Song (State Grid Jiangsu Electric Power Co.,Ltd); Xize Jiao (State Grid Jiangsu Electric Power Co.,Ltd); Shanjun Xu (State Grid Electric Power Research Institute Co.,Ltd); Junlong Guo (State Grid Electric Power Research Institute Co.,Ltd); Zhifeng Liu (School of Mechanical and Aerospace Engineering Jilin University)	KABUL	EVET	Çin
67	141	Using Modal Participation to Improve Numerical Stability in Power System Simulations	Noman Saied (University of Tennessee at Chattanooga, USA)*; Abdelrahman Karrar (University of Tennessee at Chattanooga, USA)	KABUL	EVET	ABD
68	142	Full Bridge DC-DC Converter Based Battery Charger with PFC CUK Converter Having Hysteresis Control	Selami Karakaş (Kastamonu Üniversitesi)*; Erdal Şehirli (kastamonu university)	KABUL	EVET	Türkiye
69	143	Modeling of Power Losses in Contact Systems of Low Voltage Switching Devices	Almaz Petrov (Kazan State Energy University, Russia); Elena Grachieva (Kazan State Energy University, Russia); Stanimir Valtchev (FCT/UNL, Portugal)*; Tatyana Sinyukova (Lipetsk State Technical University, Russia)	KABUL	EVET	Portekiz
70	144	Study of Probability Characteristics of the Reliability of Electrical Equipment in Internal Power Supply Systems	Elena Grachieva (Kazan State Energy University, Russia); Renata Petrova (Kazan State Energy University); Stanimir Valtchev (FCT/UNL, Portugal)*; Tatyana Sinyukova (Lipetsk State Technical University, Russia)	KABUL	EVET	Portekiz
71	145	Wide Voltage Conversion Ratio DC-DC Converter for Charging Ultracapacitor Bank	Rahul (NIT Calicut, India)*; Shreelakshmi MP (NIT Calicut, India)	KABUL	EVET	Hindistan
72	147	Fuzzy Based Intelligent Voltage Balancing Scheme for Matrix Connected Ultracapacitor Bank	Anuroop P (NIT CALICUT, India)*; Reema Narayanan (National Institute of Technology Calicut, India); Shreelakshmi MP (NIT Calicut, India)	KABUL	EVET	Hindistan
73	148	Design and Analysis of Maximum Power Factor Control for a Three Phase Synchronous Reluctance Motor	Shahin A (National Institute of Technology Calicut, India)*; Shreelakshmi MP (NIT Calicut)	KABUL	EVET	Hindistan
74	150	Change in the Temperature Indicators of the Individual Thermal Point by Adjusting the Rotational Speed of the Asynchronous Engine	Alexey Sinyukov (Lipetsk State Technical University, Russia); Tatyana Sinyukova (Lipetsk State Technical University, Russia); Elena Grachieva (Kazan State Energy University, Russia); Stanimir Valtchev (FCT/UNL, Portugal)*; Viktor Mescheryakov (Lipetsk State Technical University, Russia)	KABUL	EVET	Rusya
75	151	Design and Build a 3D Printed Single-Axis Solar Tracking Photovoltaic System	Lihong (Heidi) Jiao (Grand Valley State University, USA)*; Kushal Shrestha (Grand Valley State University, USA)	KABUL	EVET	ABD
76	154	Feasibility Analysis of Integrating Single-Phase Electrical Vehicle Charging Stations to Distribution Grid	İlim Erden (Niğde Ömer Halisdemir Üniversitesi, Turkiye); Ersan Kabalcı (Nevsehir Hacı Bektaş Veli University, Turkiye)*; Yasin KABALCI (Nigde Ömer Halisdemir University, , Turkiye)	KABUL	EVET	Türkiye
77	158	The Comparison of Multiple Clustering Techniques to be Used in Transition to Zonal Electricity Market: A Case Study of Turkey	Salman Hasan Abdulhaleem AL-RAWE (Yildiz Technical University, Turkiye)*; Mustafa BAYSAL (Yildiz Technical University); Yeabsira Yetagessu TADESSE (Yildiz Technical University)	KABUL	EVET	Türkiye
78	161	Gain Assessment of Powering Train Loads with Rooftop Solar Panels: Case study of Morocco	MOHAMED AMINE OUAID (Mohammadia School of Engineers(EMI), Mohammed V University in Rabat)*; Mohammed OUASSAID (Mohammadia School of Engineers(EMI), Mohammed V University in Rabat); MOHAMMED TEBAA (Mohammadia School of Engineers(EMI), Mohammed V University in Rabat)	ACCEPT	YES	Morocco
79	162	Evaluating LMP Forecasting with LSTM Networks: A Deep Learning Approach to Analyzing Electricity Prices During Unpredictable Events	Başak Ersöz Yıldırım (Yildiz Technical University, Turkiye); Şevval Yıldız (Yildiz Technical University); Aligül Selim Türkoğlu (Yıldız Teknik Üniversitesi); Ozan Erdinç (Yildiz Technical University)*; Ali Rıfat Boynueğri (Yildiz Technical University)	KABUL	EVET	Türkiye
80	169	Digital Twin in Mining Industry : A Study on Automation Commissioning Efficiency and Safety Implementation of a Stacker Machine in an Open-Pit Mine	Nabil ELBAZI (University Sultan Moulay Slimane, Morocco)*; Hicham EL HADRAOUI (UM6P, Morocco); Oussama Laayati (UM6P); Adila El Maghraoui (University Mohammed VI Polytechnic, Morocco); Ahmed Chebak (UM6P, Morocco); Mustapha Mabrouki (University Sultan Moulay Slimane, Morocco)	KABUL	EVET	Fas
81	170	An Overview of Big Data Concepts, Methods, and Analytics: Challenges, Issues, and Opportunities	Mahshad Mahmoudian (Islamic Azad University, Iran); S. Mohammadali Zanjani (Islamic Azad University, Iran); Hossein Shahinzadeh (Amirkabir University of Technology (Tehran Polytechnic))*; Yasin KABALCI (Nigde Ömer Halisdemir University); Ersan Kabalci (Nevsehir University); Farshad Ebrahimi (University of Houston, USA)	KABUL	EVET	Iran
82	175	Adaptive Protection in Smart Distribution Networks: Coordination Demonstration of Multi-Agent Systems	Motuma M ABAFOGI (Istanbul Sabahattin Zaim University, Turkiye)*; Abdulfetah Shobole (İstanbul Sabahattin Zaim Üniversitesi, Turkiye)	KABUL	EVET	Türkiye
83	176	Algorithmic Approaches for DER Sizing and Spatial Placement in Radial Networks	Gokturk Poyrazoglu (Ozyegin University, Turkiye)*; Beyzanur Aydin (Ozyegin University, Turkiye)	KABUL	EVET	Türkiye

84	177	Virtual Power Plant Challenges, Opportunities and Targets Analysis in the Current Electricity Markets	Zahid Ullah (Glasgow Caledonian University, UK)*; Arshad Arshad (Glasgow Caledonian University, UK), Azam Nikahi (Glasgow Caledonian University, UK)	KABUL	EVET	İngiltere
85	178	Revisiting Network Reconfiguration in the Era of Unpredictable EV Charger Integration	Eren Tekeler (Ozyegin University, Turkiye); Gokturk Poyrazoglu (Ozyegin University, Turkiye)*	KABUL	EVET	Türkiye
86	179	A Novel Dynamic Voltage Influencing Metric for Cost-effective Voltage Control in Unbalanced Distribution Systems	Mohammad Abujubbeh (Kansas State University, USA)*; Balasubramaniam Natarajan (Kansas State University, USA)	KABUL	EVET	ABD
87	182	Structural Integrity Analysis of a Two-Pole Synchronous Reluctance Machine with Non-circular Shaft	Didem Tekgün (Abdullah Gül University, Turkiye); Burak Tekgun (Abdullah Gul University, Turkiye)*; Irfan Alan (Abdullah Gul University, Turkiye)	KABUL	EVET	Türkiye
88	184	Speech Command Based Intelligent Control of Multiple Home Devices for Physically Handicapped	Ali Unluturk (Erzurum Technical University, Turkiye)*	KABUL	EVET	Türkiye
89	185	Weighting Factor-Free Model Predictive Control for Three-Level Buck Converters	Hamza MAKHAMREH (Ozyegin University, Turkiye)*; Amer Dyab (Ozyegin University, Turkiye)	KABUL	EVET	Türkiye
90	186	The Intelligent Mechanism for Data Collection and Data Mining in the Vehicular Ad-Hoc Networks (VANETs) Based on Big-Data-Driven	Mahshad Mahmoudian (Islamic Azad University, Iran); Mohammadali Zanjani (Islamic Azad University, Iran); Hossein Shahinzadeh (Amirkabir University of Technology (Tehran Polytechnic))*; Yasin KABALCI (Nigde Ömer Halisdemir University); Ersan Kabalci (Nevsehir University); Farshad Ebrahimi (University of Houston, USA)	KABUL	EVET	ABD
91	193	Modeling and Simulation of a Hydrogen-based Proton Exchange Membrane Fuel Cell for Power Generation	Salma El Aimani (Ibn Zohr University, Morocco)*	KABUL	EVET	Fas
92	194	Distributed Hierarchical Control for Voltage Stability and Proportional Current Sharing in Island- Mode DC Microgrids	Ayberk Calpbinici (Nevşehir Hacı Bektaş Veli University, Turkiye)*; Erdal Irmak (Gazi University, Turkiye); Ersan Kabalci (Nevsehir Hacı Bektaş Veli University, Turkiye)	KABUL	EVET	Türkiye
93	195	The Appraisal of an Innovative Residential Energy Hub Framework for a Home Energy Management Paradigm Using Two-Point Estimation Technique	Hossein Shahinzadeh (Amirkabir University of Technology (Tehran Polytechnic))*; Jalal Moradi (Amirkabir University of Technology, Iran); Wahiba Yaici (CanmetENERGY Research Centre / Natural Resources, Canada); Mariacristina Roscia (University of Bergamo, Italy); Farshad Ebrahimi (University of Houston, USA); Hamed Nafisi (Amirkabir University of Technology)	KABUL	EVET	Kanada
94	196	Optimal Strategy of Retail Companies in the Day-Ahead Markets in the Presence of Non-Dispatchable Renewable Sources and Electric Vehicle Aggregators	Hossein Shahinzadeh (Amirkabir University of Technology (Tehran Polytechnic))*; Jalal Moradi (Amirkabir University of Technology, Iran); Wahiba Yaici (CanmetENERGY Research Centre / Natural Resources Canada); Mariacristina Roscia (University of Bergamo, Italy); Farshad Ebrahimi (University of Houston, USA); Hamed Nafisi (Amirkabir University of Technology, Iran)	KABUL	EVET	Iran
95	197	Synergistic Effects of Magnetite Nanoparticles in the Hole Transport Layer of Organic PV Cells	Erdal Irmak (Gazi University)*; Ebru Kondolot Solak (Gazi University); Seçil Kaya (Gazi University); Sema Yiyit Doğan (Gazi University); Gülşen Taşkın Çakıcı (Gazi University)	KABUL	EVET	Türkiye

Türkiye'den Katılan Sunucu Sayısı		30
Türkiye Dışından Katılan Sunucu Sayısı		65
Toplam Sunucu Sayısı		95
Türkiye Dışından Katılan Sunucuların Yüzde Oranı (%)		0,6842
	%	68,42