

2022 23rd International Middle East Power Systems Conference

MEPCON 2022

مؤتمر الشرق الأوسط لأوساط القوى الكهربائية

PROGRAM

PROGRAM

PROGRAM SCHEDULE

Tuesday 13rd

09:00 -10.00	Opening Ceremony (Hall Exhibition)					
	Opening The Exhibition					
10:00-10:05	Republican Peace of the Arab Republic of Egypt					
10:05-10:10	The Holy Quran					
10:10 -10:20	A documentary Film about Kafrelsheikh University and The Faculty of Engineering					
10:20 -10:30	Speech By Prof. Dr. Abdul-Fattah Heliel Dean of Faculty of Engineering and General Chairman of the Conference					
10:30 -10:40	Speech By Prof. Dr. Farouk Ismael Chair of MEPCON Steering Committee					
10:40 -10:50	Speech by Prof. Dr. Abdelrazek Youssef Desouky The President of Kafrelsheikh University					
10:50 -11:00	Speech By H.E. Prof. Dr. /Mohamed Shaker El-Markabi Minister of Electricity and Renewable Energy, Egypt					
11:00 -11.10	Speech By H.E. Prof. Dr. Mohammed Ayman Ashour Minister of Higher Education & Scientific Research, Egypt					
11:10-11:50	Coffee Break (Hall Exhibition)					
11:50-12:20	Principal Supporter Talk: Madkour Group (Hall Cleopatra)					
12:20-13:00	Keynote Lecture 1: Prof. Osama Mohamed, USA (Hall Cleopatra) Operational Security and Control Challenges in Smart Energy Systems					
13:00-14:00	Supporters Talks (Hall Cleopatra)				Steering Committee Meeting (VIP)	
	Smart Systems	OPAL-RT	LUCAS-NULL	SPRANZA		
	13:00-13:15	13:15-13:30	13:30-13:45	13:45-14:00		
14:00-15:00	Lunch Break (Hall Cleopatra)					
15:15-16:30	Session A-1 (R.1)	Session B-1 (R.2)	Session C-1 (R.3)	Session D-1 (R.4)	Session E-1 (R.5)	Session F-1 (R.6)
	High Voltages -1	Renewable Energy-1	Electric Vehicles-1	Power Systems Protection-1	Power Systems Control-1	Power Systems Operation-1

Wednesday 14th

09:00-10:20	Session A-2 (R.1)	Session B-2 (R.2)	Session C-2 (R.3)	Session D-2 (R.4)	Session E-2 (R.5)	Session F-2 (R.6)
	High Voltages-2	Power Electronics-1	Electrical Machines-1	Renewable Energy-2	Power Systems Control-2	Smart Grid-1
10:40-11:10	Coffee Break (Hall Exhibition)					
11:10-12:00	Keynote Lecture 2 : Dr Ahmed F. Zobaa (UK) (Hall Cleopatra) Hydrogen in Electricity's Future					
12:00-12:30	Keynote Lecture 3: (Tutorial) - OPAL-RT (Hall Cleopatra)					
12:30-13:00	Keynote Lecture 4: Dr. Mohamed T. Abdelkader (Hall Cleopatra) SiC Power Devices for Automotive Applications-Challenges and Opportunities					
13:10-14:10	Session A-3 (R.1)	Session B-3 (R.2)	Session C-3 (R.3)	Session D-3 (R.4)	Session E-3 (R.5)	Session F-3 (R.6)
	Power Quality 1	Power System Control-3	Power System Operation-2	Power Systems Protection -3	Microgrid -1	Power Electronics -2
14:20-15:20	Lunch Break (Hall Cleopatra)					
15:30-16:10	Session A-4 (R.1)	Session B-4 (R.2)	Session C-4 (R.3)	Session D-4 (R.4)	Session E-4 (R.5)	Session F-4 (R.6)
	Electric Vehicles-2	Renewable Energy-3	Electric Machines-2	Power Systems Operation-4	Power Quality-2	Smart Grid-2
16:20-17:20	Egypt IEEE Chapter Meeting					

Thursday 15th

09:00-10:20	Session A-5 (R.1)	Session B-5 (R.2)	Session C-5 (R.3)	Session D-5 (R.4)	Session E-5 (R.5)	Session F-5 (R.6)
	Control of Machines	Renewable Energy-4	Power System Planning	Power Electronics-3	Power System Operation-5	High Voltage-3
10:30-11:00	Coffee Break (Hall Exhibition)					
11:10-12:10	Session A-6 (R.1)	Session B-6 (R.2)	Session C-6 (R.3)	Session D-6 (R.4)	Session E-6 (R.5)	Session F-6 (R.6)
	Power Electronics-4	Power Quality-3	Microgrid -2	Renewable Energy-5	Power System Optimization	
12:20-13:20	Closing Ceremony (Hall Cleopatra)					
13:25-14:25	Lunch Break (Hall Cleopatra)					

FIRST DAY: TUESDAY 13thDecember 2022

Session A-1 (R.1)			Topic:	High Voltage -1
Paper No.	Start time	TUE 13	Chairman	Prof. Dr. Mazen M. Abdel Salam
			Coordinator	Prof. Dr. Said Ward Dr. Manal M. Emara
126	15:15	Paper Title:		Enhancement of Dielectric Characteristics of Contaminated Transformer Oil Using TiO ₂ Nanoparticles
		Authors:		Tarek S. Negm, Diaa-Eldin A. Mansour, and Ahmed A. Hossam-Eldin
138	15:35	Paper Title:		Improving Dielectric Properties of Electrical Machines Insulating Varnish Using SiO ₂ Nanoparticles
		Authors:		Hanaa M. Ahmed, Nagat M. K. Abdel-Gawad, Waleed A. Afifi, Diaa-Eldin A. Mansour, and Mohamed M. F. Darwish
158	15:55	Paper Title:		Improvement of Nanodielectrics for Power Cables
		Authors:		S. A. Mohammed, Loai Saad eldeen Nasrat, and A. H. Shaheen
159	16:15	Paper Title:		Machine Learning Algorithm to Evaluate Breakdown Voltage of Solid Insulators
		Authors:		Eid J. Eid, Loai Nassart and Ahmed Hossam-Eldin

Session B-1(R.2)		Topic:	Renewable Energy-1
Paper No.	Start time	TUE 13 Chairman Coordinator	Prof. Dr. Adel Abou El-Ela, Prof. Dr. Ragab El Sehiemy Dr. Mosaad Muhyiddin
33	15:15	Paper Title:	Fitting and Time Series Neural Networks Modelling to Forecast Weather and Wind Speed
		Authors:	Saeed A. Alghamdi and Ossama B. Abouelatta
123	15:35	Paper Title:	Modeling and Experimental Determination of Lithium-Ion Battery Degradation in Hot Environment
		Authors:	Z Almutairi, Ali Eltamaly, A. El Khereiji, A. Al Nassar, A. Al Rished, N. Al Saheel, A. Al Marqabi, S. Al Hamad, M. Al Harbi, R. Sherif, G. Almutairi, F. Al-Amri and A Hassanain
127	15:55	Paper Title:	Modeling and Performance Evaluation of a Grid-Connected Photovoltaic/Wind Hybrid Power System
		Authors:	Ahmed A. Salem, Kholoud Mokhtar mohamed Mahmoud, and Abdelazeem A. Abdelsalam
59	16:15	Paper Title:	Techno-Economic Analysis of Renewable Energy Application in Oil and Gas Industry: A Case Study
		Authors:	Mahmoud Kashef, Mahmoud A. Attia, Mohamed Kamh and Mohamed Abdel-Rahman

Session C-1 (R.3)			Topic:	Electric Vehicles-1
Paper No.	Start time	TUE 13	Chairman Coordinator	Prof. Dr. Sobhy Abdelkader Prof. Dr. Elwy El-Kholy Associate Prof. Dr. Moahmed Abdelwanis
67	15:15	Paper Title:	Optimal Allocation and Sizing of Distributed Generation and Electric Vehicle Charging Stations using Artificial Bee Colony and Particle Swarm Optimization Algorithms.	
		Authors:	Isaac Prempeh, Ragab A. El-Sehiemy, Albert K. Awopone and Patrick N. Ayambire	
104	15:35	Paper Title:	Optimal stochastic day-ahead scheduling of multi-carrier energy hub integrated with plug-in electric vehicles	
		Authors:	Ghada Abdunasser , Abdelfatah Ali, Mostafa F. Shaaban, and Essam E. M. Mohamed	
155	15:55	Paper Title:	Inductance Sizing Of Electric Motor Emulator Using Particle Swarm Optimization For Drive Train Applications	
		Authors:	Amr Saleh , Mahmoud Adel, Philip Mawby and Mohamed Taha	
167	16:15	Paper Title:	Field-Oriented Control for PMSM in Electric Vehicles Based on 7-level CHB Multilevel Inverter	
		Authors:	Mahmoud Fouad Elmorshedy , Kotb M. Kotb, Mohamed Kamal El-Nemr, Abd El-Wahab Hassan	

Session D-1 (R.4)		Topic:	Power Systems Protection -1
Paper No.	Start time	TUE 13 Chairman Coordinator	Prof. Dr. Ahmed Hossam Prof. Dr. Nagy El-Kalashy Associate Prof. Dr. Eman Saad
34	15:15	Paper Title:	Analysis of Hybrid AC/DC Distribution Network Under Adverse Conditions
		Authors:	Mohammed Ibrahim Elsaid Elmezain, Hossam A. Abdel-Ghany, Essam M. Rashad, and Eman S. Ahmed
45	15:35	Paper Title:	A Strategy for Protection System Recovery in a Topology-Changing Network with DGs
		Authors:	Akram Elmitwally, Mohamed F. Kotb, and Eid Gouda
111	15:55	Paper Title:	Fault Detection in Radial DC Distribution System Using Power Measurements
		Authors:	Sabah M. A. Abbas, Ahmed E. ELGebaly, and Diao-Eldin Abdelsattar Mansour
149	16:15	Paper Title:	Convolution Neural Network Fault Identifier In Distribution Network In The Presence of Distribution Generation Units
		Authors:	Mohammed Aly Mohammed Ebeed and Ahmed Hossam- Eldin

Session E-1(R.5)			Topic:	Power Systems Control-1
Paper No.	Start time	TUE 13	Chairman	Prof. Dr. Omar H. Abdalla Prof. Dr. Walaa Gabr
			Coordinator	Associate Prof. Dr. Amlak Abaza
124	15:15	Paper Title:		A Comparative Performance Analysis of DFIG and PMSG-Based WECS
		Authors:		Walid S.E. Abdellatif, Asmaa A. Elsakaan, Asmaa F. Barakat and Noura A. Nour Aldin
136	15:35	Paper Title:		A Hybrid Energy Storage System Based on Supercapacitor and Electric Vehicle Batteries for Frequency Stability Improvement of Islanded Microgrids
		Authors:		Hossam Ali
143	15:55	Paper Title:		Intelligent Control for Wind Turbines Connected to Utility Grid using MPC
		Authors:		Mostafa Al-Gabalawy, Ibrahim A. Abdel-Sattar, and Mohamed M. M. Salama and Mohamed M. F. Darwish
165	16:15	Paper Title:		Consensus-Based Tracking Control of Energy Storage for Microgrid Energy Management
		Authors:		Ehab Mohamed Ahmed Attia, Hany A. Abdelsalam, and Essam Eddin M. Rashad

Session F-1 (R.6)			Topic:	Power Systems Operation-1
Paper No.	Start time	TUE 13	Chairman	Prof. Dr. Hussien El-Desouky
			Coordinator	Prof. Dr. Sayed El-bnna Associate Prof. Dr. Fathalla Selim
116	15:15	Paper Title:		Estimation of Technical Losses in Distribution Networks with Tie Switches Considering Repairing Periods
		Authors:		Abd EL-Faatah Hammad, Hossam A. Abd El-Ghany, and Ahmed M. Azmy
135	15:35	Paper Title:		Energy Hub Modeling and Operation, A Comprehensive Review
		Authors:		Amani Alshammari, Ahmed A.Hafez, Alaa F.M.Ali, Alaa A.Mohmoud, Mahmoud Ibrahim Mohamed and Mostafa A.Merazy
150	15:55	Paper Title:		Review: Frequency Response Analysis For Transformer's Status Diagnoses
		Authors:		Salah Mahfouz, Mohamed El-Nemran Ahmed Abu-Siada
41	16:15	Paper Title:		Optimal Day-Ahead Dispatch in Isolated AC/DC Microgrids Using Hunger Game Search Algorithm
		Authors:		Mohamed Mohamed Ibrahim Ibrahim, Walid A. Omran, and Hany M. Hasanien

SECOND DAY: WEDNESDAY 14th December 2022

Session A-2 (R.1)		Topic:	High Voltage-2
Paper No.	Start time	WED 14	Chairman Prof. Dr. Mohamed Izzularab Prof. Dr. Adel Zien
			Coordinator Associate Prof. Dr. Fathallah Selim
13	9:00	Paper Title:	Reigniting Model of VCB for Renewable Energy Resources Transmission Systems
		Authors:	Eman A. Awad and Ebrahim A. Badran
47	9:20	Paper Title:	Optimum Spacing at Precise Magnetic field Among Power Lines in Egyptian Utility Applying Efficient Optimization Techniques
		Authors:	Mohamed Samy, Ahdab Elmorshdy, Ahmed Emam and Anas Taha
48	9:40	Paper Title:	Permanent Magnet Biased Fault Current Limiter used for HVDC Systems
		Authors:	Mohamed Eladawy and Ibrahim A. Metwally
132	10:00	Paper Title:	Comparative Inclined Plane Tests On Silicone, Porcelain And RTV Coating–Porcelain Insulators Under Various DC Voltages
		Authors:	Mohamed Ahmed Afifi Emam, Salem M. Elkhodary, and Mohamed Z. Kamh
106	10:20	Paper Title:	Impact of Aging on Dielectric Properties of Oil-.Paper Insulation System using Gas-to-Liquid Oil and Mineral Oil
		Authors:	Manal M. Emara, Eman G. Attiya andDiaa-Eldin A. Mansour
10:40-13:00		Coffee Break and Three Keynote Lectures (Halls of Exhibition and Cleopatra)	

Session B-2 (R.2)		Topic:	Power Electronics-1
Paper No.	Start time	WED 14 Chairman Coordinator	Prof. Dr. Mostfa Marie Prof. Dr. Akram Elmitwally Dr. Mossad MohyEldein
27	9:00	Paper Title:	Open-Phase Fault-Tolerant Control Approach for EV PMSM based on Four-Leg VSI
		Authors:	Mohamed Elsayed, Mostafa Hamad and Hamdy Ashour
120	9:20	Paper Title:	Extended Results for a Developed 10 kW LC-Compensated Hybrid Wireless Power Transfer System
		Authors:	Mahmoud A. Badwey, Nabil H. Abbasy and Gamal M. Eldallal
133	9:40	Paper Title:	A DC to 42.8 MHz Bandwidth Current Sensor Readout Interface using Amplifiers with Feedforward Compensation for Power Electronics Applications
		Authors:	Asma Mahar, Ayesha Hassan, Robert Murphree, Jeffrey De La Rosa Garcia, Babak Parkhideh, and H. Alan Mantooth
140	10:00	Paper Title:	A Voltage-Doubler/Marx-Generator-Based Multi-Module High-Voltage Pulse Generator with High-Frequency Charger for Electrostatic Precipitators
		Authors:	Wessam E. M. Abdel-Azim, Ahmed A. Elserougi, and Ahmed A. Hossam-Eldin
163	10:20	Paper Title:	Hybrid Wind/FC System Design and Simulation
		Authors:	Samia Abdalfatah, Ibrahim Nader, Hilmy Awad, Hossam Youssef Hegazy and E.E.El-Kholy El-Kholy
10:40-13:00		Coffee Break and Three Keynote Lectures (Halls of Exhibition and Cleopatra)	

Session C-2(R.3)		Topic:	Electrical Machines-1
Paper No.	Start time	WED 14 Chairman Coordinator	Prof. Dr. Essam Rashad Prof. Dr. Hamdy Shatla Associate Prof. Dr. Mohammed Abd Elwanis
62	9:00	Paper Title:	Nonlinear Study of SRG Configurations Using Finite Element Analysis
		Authors:	Asmaa El-Sayed Abdo Mohamed Ibrahim, Walid A. M. Ghoneim, and Hamdy A. Ashour
79	9:20	Paper Title:	Novel Two-phase 4/6 Switched Reluctance Motor Configuration used in All Electric Ships
		Authors:	Mohab Gaber, M.S Hamad and Reda Youssef
100	9:40	Paper Title:	Constant Frequency Tandem Machine for Variable Speed Generating Systems
		Authors:	Sameir abdel basset abou hashesh, M. K. El-Nemr and E. M. Rashad
103	10:00	Paper Title:	Design and performance of a magnetic gear with a gear ratio (Gr = 3.5)
		Authors:	Yasser Ahmed Abdelnaby Ali Kassab, Eid Gouda, Akram Elmitwally, and Abdelhady Ghanem
139	10:20	Paper Title:	Synchronous Reluctance Motors Torque Ripples Reduction using Feedback Cascaded P-I-I Controller
		Authors:	Aya Mohamed Abou-ElSoud, Adel Saad Ahmed Nada, Abdel- Abdel Aziz M -Aziz ahmoud, and Waheed Sabry
10:40-13:00		Coffee Break and Three Keynote Lectures (Halls of Exhibition and Cleopatra)	

Session D-2(R.4)			Topic:	Renewable Energy-2
Paper No.	Start time	WED 14	Chairman	Prof. Dr. Ebrahim Megahd Prof. Dr. Hany Hassnien
			Coordinator	Dr. Hossam Abdelghny
4	9:00	Paper Title:	The Effect of Dust Accumulation on PV Solar Output and Its Mitigation Measures	
		Authors:	Abdullah Al Habsi, Malik Al Shahbib, Halima Al Ansari, Mohammed Al Rashdi and Ibrahim Al Harthi	
19	9:20	Paper Title:	A Hybrid Photovoltaic/Wind Green Energy System for Outpatient Clinic Utilizing Fuel Cells and Different Batteries as a Storage Devices	
		Authors:	Shimaa Barakat and M. M. Samy	
42	9:40	Paper Title:	Performance improvement of a hybrid energy system feeding an isolated load	
		Authors:	Mahmoud A. Mossa, Najib El Ouanjli, Olfa Ga, and Omar Makram Kamel	
72	10:00	Paper Title:	Development of Fault Ride Through (FRT) Criteria from System Operator Perspective with Large-scale Wind Integration	
		Authors:	Mohamed Attia Elsharnoby Hazzaa, Sayed H. A El-Bnna, and Dalal H. M Helmi	
81	10:20	Paper Title:	Application of STATCOM With Photovoltaic Systems	
		Authors:	Tarek A. Boghdady and Youssef Ashraf Mohamed Gad	
10:40-13:00		Coffee Break and Three Keynote Lectures (Halls of Exhibition and Cleopatra)		

Session E-2(R.5)		Topic:	Power Systems Control-2
Paper No.	Start time	WED 14	Chairman Prof. Dr. Hassan Dorrah Prof. Dr. Abdul-Fattah Heliel Coordinator Associate Prof. Dr. Amlak Abaza
29	9:00	Paper Title:	A Fuzzy Logic-based Expert System for generating SCADA of Caterpillar engine
		Authors:	Nerveen Fahmy, Ashraf Zein El Din and Hatem Abd Ul Kader
44	9:20	Paper Title:	Performance Enhancement of a Wind-driven Fully Superconducting Generator by Fuzzy logic Control
		Authors:	Ragaey A. F. Saleh, Noran Raafat Elkady, and Ragab A. Amer
50	9:40	Paper Title:	Optimize AVR System Performance by Using Enhanced Genetic Algorithm
		Authors:	Ahmed Abdelkhalek, Ammar Mohamed, Niveen Badra and Mahmoud Attia
63	10:00	Paper Title:	Improved Ant Lion Optimizer for Optimum Design of Fractional OrderPID Controller Based AVR System
		Authors:	Ali Abdel-Rady Ali, Ali Selim, Al-AttarAli Mohamed and Loai Nasrat
169	10:20	Paper Title:	A Novel Technique of Fuzzy Comparison for Generators' Optimal Maintenance Scheduling
		Authors:	Mohamed El-Sharkh and N. Sisworahardjo
10:40-13:00		Coffee Break and Three Keynote Lectures (Halls of Exhibition and Cleopatra)	

Session F-2 (R.6)			Topic:	Smart Grid-1
Paper No.	Start time	WED 14	Chairman Coordinator	Prof. Dr. Nabil Abbasy Prof. Dr. Ahmed Azmy Associate Prof. Dr. Eman saad
12	9:00	Paper Title:	A Proposed Wide Area Network Protocol-based Scheme for Swing Detection in Power Systems	
		Authors:	Ehab A. El Metwally Hassan, Mohammed Al Hasni and Mohamed El-Shimy	
18	9:20	Paper Title:	Technical and Economical Evaluation For Electrical Distribution Networks with DGs	
		Authors:	Elham Mohamed Tantawy, Ebrahim A. Badran, and Mansour H. Abdel-Rahman	
74	9:40	Paper Title:	Optimized Strategy for Enhancing DC-Microgrid's Performance using Local Unimodal Sampling (LUS) optimization algorithm	
		Authors:	Ahmed Abdel Hady, Mohamed Mokhtar, Mahmoud A.Attia and Mariam A. Sameh	
83	10:00	Paper Title:	An Overview of Smart Grid Technology Integration with Hybrid Energy Systems Based on Demand Response	
		Authors:	Montaser Abdelsattar, I. Hamdan, Abdelgayed Mesalam , and Abdelrahman Fawzi Fouad Elsoghiar	
112	10:20	Paper Title:	Distribution Network Reconfiguration for Reliability Improvement via Social Network Search Algorithm	
		Authors:	Abdullah Shaheen , Salah Kamel, Ragab El-Sehiemy and Ali Selim	
10:40-13:00		Coffee Break and Three Keynote Lectures (Halls of Exhibition and Cleopatra)		

Session A-3 (R.1)			Topic:	Power Quality-1
Paper No.	Start time	WED 14	Chairman	Prof. Dr. Adel Abou El-Ela Prof. Dr. Ebrahim A. Badran Dr. Manal Emara
			Coordinator	
53	13:10	Paper Title:	Time Domain Analysis and Parameter Tuning of Electric Arc Furnace using Cassie-Mayr Model	
		Authors:	Hazem H. Abdel-Hamid, Mohamed A. Abdel-Rahman, M. Ezzat and Mohamed Z.Kamh	
80	13:30	Paper Title:	Investigation of Zero-Sequence Current in Medium and High Voltage Cable Systems	
		Authors:	Shimaa Abdel-Raouf Fahmy; Ahmed Salem, Rabab R. M. Eiada, and Ebrahim A. Badran	
93	13:50	Paper Title:	Detection of PQ Short Duration Variations using Wavelet Time Scattering with LSTM	
		Authors:	Mohamed Ali, Abdelazeem A. Abdelsalam, Eyad S. Oda, and Almoataz Y. Abdelaziz	
101	14:10	Paper Title:	Evaluating the Responsibility of Harmonic Distortion in Single-Phase Systems with Pricing Strategy	
		Authors:	Ayman A. Eisa, Omar F. Fadl, and Alaa. A. Saleh	
14:30-15:30			Lunch Break (Hall Cleopatra)	

Session B-3 (R.2)			Topic:	Power Systems Control-3
Paper No.	Start time	WED 14	Chairman	Prof. Dr. Mohamed El-Sherbiny
			Coordinator	Prof. Dr. Waheed Sabry Associate Prof. Dr. Mohammed Abd Elwanis
28	13:10	Paper Title:	Hosting Capacity Enhancement for Photovoltaic Systems at Various Conditions Based on Volt-Var Control	
		Authors:	I.Hamdan ,Ahmed Mohammed OmbarkAlfouly,andMohammedA.Ismeil	
82	13:30	Paper Title:	A Comparison of Model-Based and Machine Learning Techniques for Fault Diagnosis	
		Authors:	Balyogi Mohan Dash,BelkacemOuldBouamama, Mahdi Boukerdja and Komi MidzodziPekpe	
87	13:50	Paper Title:	A Comparative Study of Auto-tuned PID Controller based on Different SMC Schemes for a DC Motor Speed Control: Practical Validation	
		Authors:	Abdel Rahman Ahmed Mohamed Othman, Hamdy A. Shatla and Mohamed Hamdy	
160	14:10	Paper Title:	Power Oscillation Damping using Sine Cosine Algorithm based Tilt-Derivative Tilt-Integral Automatic Voltage Regulator	
		Authors:	Ahmed Yakout ,HossamKotb, and Waheed Sabry	
14:30-15:30			Lunch Break (Hall Cleopatra)	

Session C-3 (R.3)			Topic:	Power Systems Operation -2
Paper No.	Start time	WED 14	Chairman	Prof. Dr. Almoataz Y. Abdelaziz Prof. Dr. Asharaf Hemida
			Coordinator	Associate Prof. Dr. Fathalla Selim
64	13:10	Paper Title:	Voltage Control of Distribution System with High Sharing of Photovoltaic Power Supply Using Grey Wolf Optimization Technique	
		Authors:	Mahmoud Hussain, Mostafa Amer, Tomonobu Senjyu, Salem Alkhalaf and Ashraf Hemeida	
69	13:30	Paper Title:	Optimal DG Allocation Based on Pay-back Period by a Proposed Modification for Coronavirus Herd Immunity Optimization	
		Authors:	Tarek A. Boghdady, Howaida M. Ragab, Elsayed Tag Eldin, and Ahdab Elmorshey	
84	13:50	Paper Title:	Archimedes optimization algorithm based PI Controller for a two area Load Frequency Control	
		Authors:	Mahmoud Gamal Hemeida, Dina S. Osheba, Tomonobu Senjyu, and Mohamed Roshdy	
168	14:10	Paper Title:	Integration of DSO's inputs in auction-based local energy markets	
		Authors:	Lin Herencic, Tomislav Capuder, and Ivan Rajšl	
14:30-15:30		Lunch Break (Hall Cleopatra)		

Session D-3 (R.4)			Topic:	Power Systems Protection-2
Paper No.	Start time	WED 14	Chairman Coordinator	Prof. Dr. Mousa Abdalla Prof. Dr. Diaa-Eldien Mansour Associate Prof. Dr. Eman Saad
54	13:10	Paper Title:		A Centralized Protection Scheme for Microgrids with Artificial Neural Network-Based on Fault Detection and Location
		Authors:		Mohamed Ahmed Abdel Menem kabeel, Mai M. Eladany, and Azza A. ElDesouky
70	13:30	Paper Title:		Simple Robust Line Current Differential Protection Against Cyberattacks
		Authors:		Mohamed Elsayed Ali Kotb, Ahmad Mohammad Saber, and Tarek A. Boghdady
77	13:50	Paper Title:		Communication-Free Travelling Wave-Based Method for Ground Fault Location in Radial Distribution Network with DG
		Authors:		AkramElmitwally and Abdelhady Ghanem
92	14:10	Paper Title:		Smart Management Technique of Open Conductor Faults in Distribution Systems
		Authors:		Amina I. Elezzawy, Mahmoud M. Elgamasy, Mahmoud A. Elsadd, Tamer A. Kawady and Nagy I. Elkalashy
14:30-15:30			Lunch Break (Hall Cleopatra)	

Session E-3(R.5)			Topic:	Microgrid -1
Paper No.	Start time	WED 14	Chairman:	Prof. Dr. Hussein Anis Prof. Dr. Yasser Desouki Associate Prof. Dr. Amlak Abaza
57	13:10	Paper Title:	Intelligent Control Design and Management of AC- Microgrid System	
		Authors:	Hanan Abd El Mouiz Ali AliMosalam, Adel. A. Abou El-Ela, and Ragab A. Amer	
86	13:30	Paper Title:	A Droop-Based Frequency Controller for Parallel Operation of VSCs and SG in Isolated Microgrid	
		Authors:	Wessam Arafa Hafez, Karar Mahmoud, Abdelfatah Ali, Mostafa F. Shaaban, PoriaHasanporDivshali, and Matti Lehtonen,	
105	13:50	Paper Title:	Frequency Control of Islanded Multi-Microgrids Under Different Disurbances	
		Authors:	Bassant Ahmed Elsayed, H.E. Keshta, and Mahmoud Nour ALI	
119	14:10	Paper Title:	Performance Enhancement of Hybrid Renewable Energy System for AC Microgrid	
		Authors:	Mohamed Selmy, H.A. AbdelHadi,Ahmed Abdulnabi, and E.M. Saied	
14:30 -15:30		Lunch Break (Hall Cleopatra)		

Session F-3 (R.6)			Topic:	Power Electronics-2
Paper No.	Start time	WED 14	Chairman Coordinator	Prof. Dr. Ramdan Mahmoud Mustafa Prof. Dr. Ebrahim Badran Dr. Mosaad Muhyiddin
35	13:10	Paper Title:	Predictive Current Control Based Single Phase Charging of Six-Phase Integrated On-board Battery Charging System	
		Authors:	Rawan Ahmed Mohamed Taha, Wessam E. Abdel-Azim, and Abdullah Shawier	
43	13:30	Paper Title:	Performance Analysis of a Novel High Gain Three-phase Split Source Inverter	
		Authors:	Mohamed A. Ismeil ,AhmedAbdelaleem Ahmed Ibrahim, and M. Nasrallah	
71	13:50	Paper Title:	A New Four-Switch Split-Source Boosting Inverter: Analysis and Modulation	
		Authors:	Mostafa wageh lofty, Sherif M. Dabour, and Ramadan Mahmoud Mostafa	
146	14:10	Paper Title:	Analysis and Control of Simplified Dual-Output Single-Phase Split-Source Boost Inverters	
		Authors:	Sherif M. Dabour, Ahmed A. Aboushady, I. A. Gowaid, Mohamed A. Elgenedy, and Mohamed Emad Farrag	
14:30-15:30		Lunch Break (Hall Cleopatra)		

Session A-4 (R.1)			Topic:	Electric Vehicles-2
Paper No.	Start time	WED 14	Chairman	Prof. Dr. Hussean Anis Prof. Dr. Hamdy Shatla
			Coordinator	Dr. Fadl Issa
102	15:30	Paper Title:		Design and Operation of a Hybrid Charging Station for Plug-in Electric Vehicles
		Authors:		Ahmed Omara, Adel Shamandy and Ahmed Azmy
134	15:50	Paper Title:		Model Predictive Control for Dual Active Bridge in fast Charging Application of Electric Vehicles
		Authors:		Mohamed Elkeiy ,Ralph Kennel, Ayman Abdel-Khalik, and Mohamed Abdelrahem
156	16:10	Paper Title:		A Mathematical Model for Capacity Optimization of Electrical Vehicles Iron-Phosphate-Based Supercharged Batteries Using Bees Algorithm
		Authors:		A. Atalla, A. Yousef, D. Mourad , Mohammad M. Riad Sammany, Z. Shawa, AndA. Steef

Session B-4(R.2)		Topic:	Renewable Energy-3	
Paper No.	Start time	WED 14	Chairman	Prof. Dr. Ahmed Hossam Prof. Dr. Hany Hasanien
			Coordinator	Associate Prof. Dr. Hossam Abdel Ghany
22	15:30	Paper Title:		Comparison between Cuckoo Search algorithm and Grey Wolf Optimizer Algorithm on Photovoltaic Models Performance
		Authors:		Mohamed Elzalik, Taha Ahmed Mohamed Mohamed, Mokhtar Said and Amir Yassin
25	15:50	Paper Title:		Global MPPT Controller for a Grid Tied PV System Under Partial Shading Conditions Using Salp Swarm Algorithm
		Authors:		NourhanElbehairy, Rania Swief and Hazem Hossam
39	16:10	Paper Title:		Transient Search Optimization Based Fuzzy-PI Controller for MPPT of Standalone PV System
		Authors:		Ghazi A. Ghazi ,Essam A. Al-Ammar , and Hany Mohammed Hasanien;

Session C-4(R.3)			Topic:	Electric Machines-2
Paper No.	Start time	WED 14	Chairman	Prof. Dr. Mostfa Marie
			Coordinator	Prof. Dr. Akram Elmitwally Associate Prof. Dr. Mohamed Abdelwanis
24	15:30	Paper Title:		Signal Injection Based Sensorless Online Monitoring of Induction Motor Temperature
		Authors:		Amir Yassin Hassan Soliman and Mohamed Elzalik
88	15:50	Paper Title:		Design and Implementation of A Four-Quadrant Six-Phase Induction Motor Drive
		Authors:		Ahmed H. Elmeligy ,Eid Abdelbaki Gouda, and Akram Elmitwally
118	16:10	Paper Title:		Linear Induction Motor Parameter Estimation Based on Gray Wolves Optimization Algorithm
		Authors:		Mohamed I. Abdelwanis

Session D-4 (R.4)			Topic:	Power Systems Operation-3
Paper No.	Start time	WED 14	Chairman Coordinator	Prof. Dr. Ahdab El-Morshdy Prof. Dr. Loai Nassart Associate Prof. Dr. Amlak Abaza
96	15:30	Paper Title:	Optimal Allocation and Size of FACTS Devices Using Several Optimizers: a Comprehensive Study	
		Authors:	Ayman Awad, Salah Kamel, Mohamed H. Hassan, Abdalla A. Ibrahim, and Francisco Jurado	
97	15:50	Paper Title:	Optimal Solar Cell Parameter Estimation Based on Sooty Tern Optimization Algorithm	
		Authors:	Reem Y. Abdelghanya, Salah Kamel, Hamdy Sultan, Mohamed H. Hassan, and Loai Nasrat	
141	16:10	Paper Title:	Power Loss Minimization Using Optimal Allocation of DGs Based on Wild Horse Optimizer	
		Authors:	Shaimaa O. Selim ,Ali Selim Mohamed Ibrahim, Salah Kamel	

Session E-4 (R.5)			Topic:	Power Quality-2
Paper No.	Start time	WED 14	Chairman Coordinator	Prof. Dr. Hussien El Desouky Prof. Dr. Attia El-Fergany Associate Prof. Dr. Fathalla Selim
20	15:30	Paper Title:	Harmonics Mitigation Using Passive Filters in Distribution Networks Penetrated with Photovoltaic power	
		Authors:	<i>Sayed Aldebawy</i> , AbdelmonemDraz and Attia El-Fergany	
91	15:50	Paper Title:	Enhancement of Power Quality in Industrial Distribution Systems using Photovoltaic Distributed Generation	
		Authors:	<i>Aya Medhat Elmeadawy</i> , Amr Magdy, and Mohamed Ezzat	
170	16:10	Paper Title:	Harmonic Analysis of an Arc Furnace Load Based on the IEEE 519-2014 Standard	
		Authors:	Omar Abdalla, Said Elmasry, Mohamed El Korfolly and <i>Ibrahim Htita</i>	

Session F-4(R.6)			Topic:	Smart Grid-2
Paper No.	Start time	WED 14	Chairman	Prof. Dr. Sobhy Abdelkader Prof. Dr. Ali El-Tamely
			Coordinator	Associate Prof. Dr. Eman Saad
117	15:30	Paper Title:		Enhancement and Control of Reactive Power Sharing Utilizing Circulating Current in AC Microgrids
		Authors:		Ahmed Tazy, Mohamed Mahmoud Samy and Mohamed Ali Ghalib
121	15:50	Paper Title:		Energy Management System for Smart Microgrids Considering Energy Theft
		Authors:		Abdelfattah A. Eladl ,Mohammed A.Saeed, and Bishoy Elkis Sedhom Beshay
131	16:10	Paper Title:		Review on Energy Trading of Community-Based Projects around the World
		Authors:		Loai Nasrat, Mona Mohammed Ahmed Zedan, Al-Attar Ali, and Gaber Shabib

THIRD DAY: THURSDAY 15th December 2022

Session A-5(R.1)		Topic:	Control of Machines
Paper No.	Start time	THU 15 Chairman Coordinator	Prof. Dr. Essam Rashad Prof. Dr. Waheed Sabry Associate Prof. Dr. Mohammed Abdel Wanis
40	9:00	Paper Title:	An Improved PID Control Scheme for DC Servo Motor using Salp Swarm Algorithm
		Authors:	Alaa M. Abdel-Hamed El-sayed and Ebrahim A. Badran
90	9:20	Paper Title:	Speed Control of Single Phase Induction Motor Using New Improved Nonsingular Fast Terminal Sliding Mode Control
		Authors:	Ashraf Hagrass and Ahmed Alaa Mahfouz
142	9:40	Paper Title:	Low-Cost Sensorless Scalar Control of a Brushless Motor for Automotive Fan System Application
		Authors:	Ahmed Omara, Amine Khettat, Koussaila Hamiche, Romuald Morvanyand Christophe Annoepel
85	10:00	Paper Title:	Saving Energy with Automated Multi Variable Speed Drives Pumping System
		Authors:	Hamdy Ahmed Ashour
10:30-11:00		Coffee Break (Hall Exhibition)	

Session B-5(R.2)		Topic:	Renewable Energy-4
Paper No.	Start time	THU 15 Chairman Coordinator	Prof. Dr. Omar H. Abdalla Prof. Dr. Nagy El-Kalashy Dr. Fadl Essia
68	9:00	Paper Title:	Optimal Sizing of Battery/Hydrogen Renewable Energy System With Genetic Algorithm Based on Irradiance Forecasting With LSTM Neural Network
		Authors:	Ibrahem Mohamed Mohamed Mahmoud , G El-Saady, and ENA Ibrahim
75	9:20	Paper Title:	GBO Algorithm Application for Solving OPF Problem Considering Renewable Energy Uncertainty
		Authors:	Mohamed Farhat , Salah Kamel , and Ahmed M. Atallah
115	9:40	Paper Title:	Power Curve Estimation of a Wind Turbine Considering Different Weather Conditions using Machine Learning Algorithms
		Authors:	Mostafa Al-Gabalawy, Haitham S. Ramadan, Mohamed Ahmed Mostafa , Shimaa A. Hussien
148	10:00	Paper Title:	An Optimal Approach for Voltage Regulation and PV Hosting Capacity Enhancement Using Nodal Pricing
		Authors:	Ahmed Bedawy , Naoto Yorino, Yutaka Sasaki, and Yoshifumi Zoka
10:30-11:00		Coffee Break (Hall Exhibition)	

Session C-5(R.3)			Topic:	Power System Planning
Paper No.	Start time	THU 15	Chairman Coordinator	Prof. Dr. Ahmed Bahgat Prof. Dr. Ragab El-Sehiemy Dr. Mosaad Mohy El dien
10	9:00	Paper Title:	Optimization Assessment for 400 kV Shunt Reactors Sizing and Locations in Oman Power Grid	
		Authors:	Hilal Al Zadjali ,Hisham Al Riyami Chris van Dyk, Sep Boshoff, Musabah Al Siyabi,and Mohammed Al Hasni	
23	9:20	Paper Title:	A Planning Model for Hybrid AC/DC Microgrids Using Marine Predator Optimization Technique	
		Authors:	Khaled Bassiony, Walid A. Omran and Almoataz Y. Abdelaziz	
125	9:40	Paper Title:	Modeling and Measurement of Magnetic Signature for Different Hull and Superstructure Configurations of Marine Vessels	
		Authors:	Abdalla Badr Abdalla, Ahmed Elserougi, and Ahmed A. Hossam-Eldin	
153	10:00	Paper Title:	Aggregation of a Wind Farm Model for Grid Connection Planning Studies	
		Authors:	Omar H. Abdalla, Hussein Magdy Mohamed Kamel, and Hady H. Fayek	
10:30-11:10			Coffee Break (Hall Exhibition)	

Session D-5 (R.4)			Topic:	Power Electronics-3
Paper No.	Start time	THU 15	Chairman Coordinator	Prof. Dr. Mostafa Marei Prof. Dr. Hany Abdesallam Associate Prof. Dr. Mohamed Abdelwanis
30	9:00	Paper Title:	Active Power Filter for 12-Pulse LCC Converter Employed in LCC-MMC Hybrid HVDC System	
		Authors:	Abdelrahman Mohamed Farghly, Mohamed El Habrouk, and Khaled Ahmed Hany	
36	9:20	Paper Title:	The Controller Design of Three-Level Boost Converter using Unified Modeling Approach	
		Authors:	Jun-Hyuk Han and IL-Song Kim	
49	9:40	Paper Title:	A Quartic Buck Converter for Capacitive Deionization based Water Desalination System	
		Authors:	Omar Abd El Majeed, Ibrahim Abdelsalam and Mostafa Marei	
52	10:00	Paper Title:	Analysis of Efficiency Characteristics in ZVS Region of DC-DC Converter using Wide Bandgap (WBG) Switching Devices	
		Authors:	Bongwoo Kwak and Myungbok Kim	
10:30 -11:00			Coffee Break (Hall Exhibition)	

Session E-5 (R.5)			Topic:	Power System Operation-4
Paper No.	Start time	THU 15	Chairman Coordinator	Prof. Dr. Hussein El Desouky Prof. Dr. Mohammed Galal Associate Prof. Dr. Fathalla Selim
5	9:00	Paper Title:	Analysis of Mechanical Stress Degradation of Medium Voltage Cable Insulation	
		Authors:	Ayesha Azimuddin and Shady S. Refaat	
11	9:20	Paper Title:	Minimization Losses of Distribution Systems connected with Distributed Generation Units using JFPSO	
		Authors:	Rabab Reda Mohammed, and Ebrahim Badran	
56	9:40	Paper Title:	Review of Transactive Energy Market Models and Their Possible Financial Impact on The Utility	
		Authors:	Ahmed M. Abdulmohsen, Mohamed Ezzat, Wessam El-baz, Walid A. Omran, and Mohamed Abdel-Rahman	
113	10:00	Paper Title:	An improved RCGA for Parameter extraction of three-diode PV model	
		Authors:	Mahmoud A. El-Dabah ,Ragab A. El-Sehiemy , and Ahmed Abdelbaset	
10:30 - 11:00		Coffee Break (Hall Exhibition)		

Session F-5(R.6)		Topic:	High Voltage-3
Paper No.	Start time	THU 15 Chairman Coordinator	Prof. Dr. Osama Gouda Prof. Dr. Ebrahim A. Badran Associate Prof. Dr. Eman saad
95	9:00	Paper Title:	A Novel DGA Oil Interpretation Approach Based on Combined Techniques
		Authors:	Mohamed Badawi, Shimaa Adel Ibrahim Ahmed , and Adel EL-Faraskoury
144	9:20	Paper Title:	A New Method for Estimating Transformer Health Index Based on Ultraviolet-Visible Spectroscopy
		Authors:	Mohamed M. F. Darwish, Mohamed H.A. Hassan , Nagat M. K. Abdel-Gawad and Diao-Eldin A. Mansour
137	9:40	Paper Title:	Impact of On-grid Photovoltaic System on Thermal Performance of the Oil-filled Transformers
		Authors:	Mohamed M. F. Darwish , Amin Samy Amin Mahmoud , and Ahmed A. Abas
38	10:00	Paper Title:	Investigating Ferroresonance in the Distribution Zone
		Authors:	Alaa M. Abdel-hamed , Mohamed Mahmoud Abdelaziz elshafhy and Ebrahim A. Badran
10:30 - 11:00		Coffee Break (Hall Exhibition)	

Session A-6 (R.1)			Topic:	Power Electronics-4
Paper No.	Start time	THU 15	Chairman	Prof. Dr. Ayman Abdelkhalek Prof. Dr. Ragy Refaat
			Coordinator	Associate Prof. Dr. Mohamed Abdelwanis
109	11:10	Paper Title:		Development of a High Frequency Current Controlled Grid-connected Microinverter for PV Applications
		Authors:		Amgad El Deib, Mohamed El Dodor and Alaa Ismail
164	11:30	Paper Title:		Performance Assessment of T-Source Inverter Fed Induction Motor Drives Based on Photovoltaics
		Authors:		Abdelazeem Abdelrahman Amin, Elwy E. EL-Kholy, and Mohamed E. Dessouki
60	11:50	Paper Title:		Design and Development of DC-DC Converters Based on IoT Systems for Photovoltaic Applications in Egypt
		Authors:		Omar Matar, Mahmoud Elbastawesy, Yasser Ethman, Yasmien Mohamed, Ahmed Ehab, Islam Younes, Mahmoud Khalid, Sahar S. Kaddah, and Basem M. Badr
152	12:10	Paper Title:		Performance study of linear induction motor fed from perovskite solar cells based on GA MPPT
		Authors:		Mohamed I. Abdelwanis, Alaa A. Zaky, and Mosaad M. Ali
12:30 - 14:25		Closing Ceremony and Lunch Break (Hall Cleopatra)		

Session B-6(R.2)		Topic:	Power Quality-3
Paper No.	Start time	THU 15	Chairman Prof. Dr. Mustafa Saad Prof. Dr. Waheed Sabry Coordinator Associate Prof. Dr. Eman Saad
8	11:10	Paper Title:	Optimal Multi-Objective Design of Anti- Resonance Fourth-Order Passive Power Filters Using TOPSIS-Based NSGA in Distorted Distribution Systems
		Authors:	Nehad Mokhtar , Mahmoud M. Sayed, Tarek A. Boghdady and Shady H. E. Abdel Aleem
78	11:30	Paper Title:	Load Frequency Control of Interconnected Power System Using Artificial Hummingbird Optimization
		Authors:	Ernest Fiko Morgan, Ragab A. El-Sehiemy, Albert K. Awopone, Tamer F. Megahed, and Sobhy M. Abdelkader
114	11:50	Paper Title:	Robust Control of Unified Power Quality Conditioner for LED Lighting Using Enhanced Bald Eagle Search Optimization
		Authors:	Sally Eid Abdel Mohsen Ibrahim, Ahmed M. Ibrahim, and Ahmed I. Omar
3	12:10	Paper Title:	Power system Stabilizer with Self Tuning Based on Hierarchical fuzzy logic controller
		Authors:	F. Selim Abdel-Fatah Attia
12:30-14:25		Closing Ceremony and Lunch Break (Hall Cleopatra)	

Session C-6 (R.3)			Topic:	Microgrid -2
Paper No.	Start time	THU 15	Chairman Coordinator	Prof. Dr. Ahmed Azmy Prof. Dr. Hany Hasanien Associate Prof. Dr. Mossad Mohy
51	11:10	Paper Title:	Artificial Hummingbird Algorithm Based Optimal Secondary Control for Islanded Microgrid	
		Authors:	M. A. Ebrahim, Beshoy Abdou Aziz, Ahmed Shaaban Ragab Gouda, and H. A. AbdelHadi	
166	11:30	Paper Title:	Microgrids Formation for Resiliency Improvement of Distribution Systems Considering Reconfiguration	
		Authors:	Shaimaa Ahmed Zalat, Hany A. Abdelsalam, and Nabil Abbasy	
65	11:50	Paper Title:	Energy Management of Multi-Microgrid Considering Demand Response Using Snake Optimizer	
		Authors:	Nehmedo Hussein Alamir, Salah Kamel, and Tamer F. Megahed	
89	12:10	Paper Title:	Technical Treating and Riding-Through Symmetrical Grid Faults for MMC-HVDC Connected Offshore Wind Farms	
		Authors:	Mahmoud Mohamed Ibrahim Elgamasy, Mohamed A. Izzularab, and Xiao-Ping Zhang	
12:30 - 14:30			Closing Ceremony and Lunch Break (Hall Cleopatra)	

Session D-6 (R.4)			Topic:	Renewable Energy-5
Paper No.	Start time	THU 15	Chairman Coordinator	Prof. Dr. Hussien Anies Prof. Dr. Hamdy Ashour Associate Prof. Dr. Swillam Sharsher
37	11:10	Paper Title:	Adaptive Neuro-Fuzzy Self Tuning-Based PID Controller for Stabilization of Reactor Core Power in a Pressurized Water Reactor	
		Authors:	Mohamed Esmail	
98	11:30	Paper Title:	A review of different control topologies of PMSG-based wind energy conversion systems	
		Authors:	Mina Nabil Amin, Hany M. Hasanien, and Almoataz Y. Abdelaziz	
99	11:50	Paper Title:	Optimal Techno-economic Sizing of Electrical/Green Hydrogen Generation System for Hybrid Demand Load	
		Authors:	Ahmed Elnozahy, Mohamed Sayed, Alaa.F.M. Ali and Mohamed A.NayelNayel	
157	12:10	Paper Title:	Low-Cost Microcontroller-Based Automatic Transfer Switch Unit Design To Mitigate Power Fluctuations	
		Authors:	El Sayed F. El Tantawy, Ahmed Atallah , Mohamed Said Abd Elbery Elshawa, and Mona.A.Bayoumi	
12:30-14:25			Closing Ceremony and Lunch Break (Hall Cleopatra)	

Session E-6 (R.5)			Topic:	Power Systems Operation-5
Paper No.	Start time	THU 15	Chairman Coordinator	Prof. Dr. Ahdab El-Morshedy Prof. Dr. Loai Saa deldeen Nasrat Associate Prof.Dr. Fathallah
110	11:10	Paper Title:	A Proposed Self-Powered Smart Pole for Highways	
		Authors:	Ebrahim A. Badran, Hazem Bobo, Ahmed Al-Fowaty, Ahmed Abdel-Salam, Fatma I. Mansy, Mohamed Nasr, Fouad Eissa, Mohammed Rifaat, Mariam Hussein, and Mennatullah Hegazy	
151	11:30	Paper Title:	Unit commitment in presence of renewable energy using Rat and Seagull optimization algorithm	
		Authors:	Eyad S. Oda, Amr A. Amr, Abdelazeem A. Abdelsalam, and Ahmed A. Salem	
26	11:50	Paper Title:	Performance Enhancement of Interfacing Controllers for Grid Connected Wind Turbine	
		Authors:	Mohamed Hussein Mostafa Bahgat, Mohamed Ezzat, and Mahmoud A. Attia	
12:20-14:25		Closing Ceremony and Lunch Break (Hall Cleopatra)		

2022 23rd International Middle East Power Systems Conference

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