



## ICNTSE – Schedule

### Day 1 (Saturday 1<sup>st</sup> of October, 2016)

Time	Activity
8:30	Registration
10:00	Opening Ceremony
11:00	Coffee Break
Keynotes Session starts at 11:30	Keynote 1 Dr. Mohamed Elyamani, MoEE National Policy of Egypt for Renewable Energy
	Keynote 2 Prof. Mahmoud El Gammal, PUA Distributed Generation
	Keynote 3 Prof. Björn Palm, KTH Future Energy Systems
	Keynote 4 Prof. Osama El Masry, PUA Renewable Energy for EGYPT
13:30	Lunch



### Hall E127 (Power Quality)

Time	Paper code	Season Chairmen Prof. Sabry Abd Ellatif -Dr. Ibrahim Yassin
Session starts at 15:00	01C2	Harmonics Monitoring Survey on LED Lamps <u>Eng. Abdelrahman Akila</u> Kamelia Youssef Ibrahim Yassin
	01C3	Harmonic Analysis of Radial Distribution Systems Embedded shunt capacitors <u>Eng.Abdallah Elsherif</u> , Tamer Fetouh and Hasan Shaaban
	01C4	Application of DSTATCOM coupled with FESS for Power Quality Enhancement and Fault Mitigation <u>Eng.Nada Mamdouh</u> , R.A.Swief, M.A.L. Badr
Break 15 minutes		
Time	Paper code	Season Chairmen Prof. Mohamed Izz Elarab- Prof. Ahmed Refaat
Session starts at 16:15	01C5	The Effect of Harmonics on Distance Relay in Short and Medium Transmission Line Model Fathi M. Abouelenin- Karim Hassan Youssef <u>Eng. Hossam Alden Bahig</u>
	01C7	Applying FACTS to Mitigate Power Quality Problems in Steel Making Industry_ A Techno-Economic Study <u>Eng.Ahmed M. Hassan</u>
	01C8	Genetic Algorithm Implementation for Minimizing Harmonic Distortion in Cascaded half-bridge Based Multilevel DC Link inverter <u>Eng.Kotb. M. Kotb</u> Abd Elwahab Hassan Essam M. Rashad

### Hall E124 (Bio Energy / Energy conservation)

Time	Paper code	Season Chairmen Prof. Abbas Alhefnawy- Prof. Saaïd Naschie
Session starts at 15:00	03B5	ICT for Community Energy Caroline van der Weerd Richard Carmichael Björn Palm
	02D4	Assessment of Energy Conservation in Egypt's Electric System <u>Eng Azhar El Saeed Awad Abou Ghoniem</u>
	03FT	Energy Conservation in Fertilizers Company
Break 15 minutes		
Time	Paper code	Season Chairmen Prof. Hassan Farag - Prof.Yohannes Kiros
	03A6	Hydrogen Through Water Electrolysis and Biomass Gasification for Application in Fuel Cells



Session starts at 16:15		Y. Kiros, S. Marinib, M. Villab, P. Nellib
	03A5	<b>The Leading Role of Hydrogen for a Sustainable Energy System</b> <u>Prof. Hussein Abdel-Aal</u> Mohamed Fahim
	03A3	<b>Modeling and Experimental Investigation for PEMFC to Achieve High Fuel Cell Performance</b> <u>Eng. Andrew N. Aziz</u> , Omar O. Rabhy, M. Elsayed Youssef
	03A4	<b>Optimization of Biodiesel Production Using Nano Heterogeneous Catalyst from Waste Cooking Oil</b> <u>Prof. M. Abdel fattah</u> , M.E.Ossman, M. S. Mansour, Y.O.Fouad.

### Hall E215 (Solar Energy)

Time	Paper code	Season Chairmen Prof. Medhat Sorour -Prof. Sadek Kassab
Session starts at 15:00	02A5	<b>Performance Improvement of Roof Transparent Solar Still Coupled With Agriculture Greenhouse</b> <u>Eng. Alaa H. Salah</u> , Gasser E. Hassan Mohamed Elhelw, Hassan Fath and Samy M. Elsherbin
	02A7	<b>Extended Abstract: Development of a Traffic Control System for PUA Complex Using a Solar Cells System</b> <u>Prof. Kadry I. Montasser</u> , Chairman of Dept. Of Computer Engineering,
	02A9	<b>A Hybrid Stand-Alone PV-Diesel Power System for a Base Transceiver Station in Egypt</b> <u>Eng. H. El-Santy</u> M. S. Hamad A. A. Helal
Break 15 minutes		
Time	Paper code	Season Chairmen Dr Fahd Hashiesh- Prof. Ahmed Hegazy- Prof. Fahmy El Bendary
Session starts at 16:15	02A1	<b>Highlight of Grid-Connected PV Systems in Administrative Buildings in Egypt</b> Eng. Dina M. Said Marwa Mostafa Kamelia Youssef Hatem Waheed
	02A3	<b>Study on the Performance of Solar Still</b> <u>Prof. Ehssan M.R. Nassef</u> Yehia A.El-Tawil, Mohamed Z.El-Abdb
	02A4	<b>Assessment the Performance of Artificial Neural Networks in Estimating Global Solar Radiation</b> Mohamed A. Ali *, Gasser E. Hassan, M. Elsayed Youssef



### Hall E212 (Wind Energy)

Time	Paper code	Season Chairmen Prof. Elwy Essa. EL-Kholy- Prof. Wageh Elaskary
Session starts at 15:00	03C1	Experimental and Simulation Verification of Pitch Angle Controller of DFIG Based Wind Energy Conversion System Basem E. Elnaghi, <u>Eng.Ahmed A. Salem</u> , Eyad S. Oda
	03C2	A Modified Open Loop Control of a Matrix Converter Connected to Wind Energy System <u>Eng.Kotb B. Tawfiq</u> , A.F. Abdou- E. E. EL-Kholy - S. S. Shokralla
	03C3	Impact of Wind Energy Integration On Economic And reliable Operation Of Electrical Networks A. A. Abou El-Ela and S. M. Allam <u>Eng. H. R. Somat</u>
Break 15 minutes		
Time	Paper code	Season Chairmen Prof. Elwy Essa. EL-Kholy- Prof. Wageh Elaskary
Session starts at 16:15	03C4	Optimal Planning with Wind Energy for a New City in Egypt A. A. Abou El-Ela <u>Prof. S. M. Allam</u> Eng.H. R. Somat
	03C5	Review on Types of Generators for Wind Energy Conversion System <u>Eng.Kareem Adel Mohammed</u> Dr. Hatem Khater
	03A2	Mapping of Agricultural Biomass Resources for Sustainable Bioenergy Production in Indonesia Palmén, C.; Silveira, S.; Khatiwada, D..