



## ICNTSE – Schedule

### Day 3 (Monday 3<sup>rd</sup> of October, 2016)

Time	Activity
Keynotes Session starts at 9.00	Keynote 11 Prof. Mark Howells, KTH African Energy Renaissance – An Immense Investment, Technology and Sustainable Development Prospect
	Keynote 12 Prof. Yohannes Kiros, KTH Fuel Cell Technology
	Keynote 13 Prof. Alexis Pontvik, KTH Sustainable Urban Form
10:30	Coffee Break
Keynotes Session starts at 11:30	Keynote 14 Prof. Hisham El Shimy, PUA Green Housing
	Keynote 15 Prof. Göran Engdahl, KTH Energy Efficiency of Electric Drives
	Keynote 16 Prof. Klas Engvall, KTH Trends in Thermochemical Conversion of Waste and Biomass (Video Conference)
12:30	Break

### Hall E127 (PUA Student Project)

Time	Paper code	Paper title-Author
Session starts at 13:00	SSE1	PV Solar Cells and Its applications/ Eng. A.A.Abbas
	SSE2	How to build your own Dye- Sensitized Solar Cell(DSSC)/ Eng. M.M.Y.Mariy
	SSM1	Utilizing Landfill Gas Produced at Al- Hammam Town for Electrical Energy Desalination Salt Water, Eng. Mohamed Ali Hammad.

### Hall E124 (Energy Management / Energy Consumption of Electric Vehicles)

Time	Paper code	Paper title-Author
Session starts at 13:00	03B2	Application of the Fuzzy Computational Intelligence in Power Quality Data Management <u>Dr. Hoda Farag</u>
	03B3	Energy Saving Feasibility Study Using a Concentrating Solar Power Plant for Borg El-Arab International Airport. Egypt. <u>Eng.Ahmed E. Abdelrazik</u> Mostafa S. Hamad Ahmed A. Helal
	02D2	The Impact of Variable Flux Permanent Synchronous Machines on Energy Consumption of Electric Vehicles <u>Dr.Maged Ibrahim</u>

### Hall E215 ( Constructional Energy Saving)

Time	Paper code	Paper title-Author
Session starts at 13:00	03D1	Development a Type of Sustainable Self-Healing Concrete Using Bacteria and Different Organic additives <u>Eng. Shiren O. Ahmed</u> , Ass. Prof. Rateb N. Abbas, Prof. Magdy A. Zahran, Amal A. Nasser, Associate Professor Monir M. Kamal, Professor
	03D10	Concrete Pavement Reduce Energy Consumption Prof. Saad Elhamrawy - Marwa Waly
	03D11	Power Generation Using Waste Heat Recovery by Organic Rankine Cycle and Steam Rankine Cycle in Cement Industry <u>Eng.Omar Aboelwafa</u> , Tamer S. Ahmed, Ahmed F. Soliman Ibrahim M. Ismail



### Hall E212 (Reliability)

Time	Paper code	Paper title-Author
Session starts at 13:00	01B1	<b>Development of Reliability Indices for Electric Distribution Network in Egypt</b> Eng.Eman Ahmed, Eng.Sherein Abdualla, Kamelia Youssef and Hatem Waheed
	01B2	<b>Reliability Improvement of Power Distribution Systems using Advanced Distribution Automation</b> <u>Eng.M. R. Elkadeem</u> M. A. Alaam Ahmed M. Azmy
	01B3	<b>Allocation Based on Reliability , Losses and Voltage Sag Considerations- An Expert System Approach.</b> <u>Dr.Sahar Abdel Moneim Moussa</u>
	01B4	<b>Optimal Placement and Sizing of Distributed Generation Units Using Different Cat Swarm Optimization Algorithms</b> Adel Ali Abou El-Ela, Ragab A. El-Sehiemy, Abdel-Mohsen Kinawy, <u>Eng.Eman Salah Ali</u>

Time	Activity
14.00	Closing Session E127