



# ICNTSE – Schedule

## Day 2 (Sunday 2<sup>nd</sup> of October, 2016)

Time	Activity
Keynotes Session starts at 9:00	Keynote 5 Prof. Hossam Moghazy, Alexandria University Use of Solar Energy in Irrigation in Egypt,
	Keynote 6 Prof. Taher Ahmed Al-Sahhaf, Kuwait University Kuwait and GCC policies for renewable energy
	Keynote 7 Prof. Said ElNashaie, UBC Sustainable Development
10:30	Coffee Break
Keynotes Session starts at 11:00	Keynote 8 Prof. Radwan H. Abdel Hamid, Helwan University Multipurpose Applications by Thermodynamic Solar (MATS)
	Keynote 9 Prof. Björn Laumert, KTH The role and future potential of CSP in the MENA region
	Keynote 10 Dr. Fahd Hashiesh, ABB The Grid Challenges & Mitigations
12:30	Giza-Unistar-Nile Sugar
13:30	Lunch



## Hall E127 (Protection System)

Time	Paper code	Paper title-Author
Session starts at 15:00	01A1	<b>Preventive maintenance role in minimizing the system failure in Alexandria Electricity Distribution Company (AEDC).</b> <b>Dr. Amani Ibrahim Attia</b>
	01A2	<b>A Proposed Single Pole Automatic Reclosure Scheme for Transmission Lines</b> Ahmed R. Adly <u>Dr. Ragab A. El Sehiemy</u> Almoataz Y. Abdelaziz
	01A3	<b>Simulation of Distance Relay for Load Encroachment Alleviation with Agent Based Supervision of Zone-3</b> <u>Eng. Mohamed A. Badr</u> Nabil H. Abassy Emtethal N. Abdallah
<b>Break 15 minutes</b>		
Session starts at 16:15	01A4	<b>Multi-objective fruit fly optimization algorithm for economic power dispatch problem</b> A. Abou El-Ela Ragab A. El Sehiemy R. M. Rizk-Allah <b>Eng.D. Abdel Fatah</b>
	01A5	<b>Optimal PMUs Placement Due to Several Stages for Achieving Full System Observability</b> <u>Eng.Mohamed A. Badr</u> , Ahmed. A. Hossam-Eldin, Nabil. H. Abbasy,
	01A7	<b>Multi-phase Fuzzy-based Modeling and Control of Combined Cycle Gas Turbine Plants</b> <u>Eng. Amgad Hamed Salah</u> , Mostafa A. Elhosseini, Ragab A. El Sehiemy, Kamal M. Shebl
	01A8	<b>Security Constrained Unit Commitment in Deregulated Power Systems by Seeker Optimization Algorithm.</b> Sahar S.Kaddah Ragab A. El Sehiemy <b>Eng.Alaa A. Zaky</b>



## Hall E124 (Thermo fluid, Refrigeration and Air Conditioning)

Time	Paper code	Paper title-Author
Session starts at 15:00	02B1	<b>Numerical Analysis For U-Shaped Borehole Heat Exchanger</b> <b>Eng.Shaimaa Hefny Ibrahim</b> Prof.Dr.Medhat Sorour Prof.Dr.Osama El-Masry
	02B2	<b>Shooting Method as a Proposed Technique to Solve Heat transfer Problems</b> M. G. Wasel
	02B3	<b>Electricity Generation in Gas Pressure Reduction Process by Using Turbo-Expander in West Delta Power Stations</b> <b>Dr. Mohamed Kandil Abdel-Hady</b>
<b>Break 15 minutes</b>		
Session starts at 16:30	02C1	<b>Solar Cooling, Status and Perspectives</b> <b>Prof.Björn Palm, KTH</b>
	02C2	<b>Simulation of District Cooling Plant and Efficient Energy</b> <b>Prof. Mousa M. Mohamed</b> Mohammed H. Almarshadi
	02C3	<b>Challenges Encountered in Using the Vapor Compression Refrigeration System for Cooling Steam Plant Condenser</b> <b>Dr. Khaled Yousef</b> Abraham Engeda Ahmed Hegazy
	02C4	<b>EER Improvement for Unitary Air Conditioner (UAC) in Egypt</b> <b>Prof.Alaa Shibl,</b>



## Hall E215 (Solar Energy)

Time	Paper code	Paper title-Author
Session starts at 15:00	02A2	<b>Efficiency Enhancement in Dye-sensitized Nanocrystalline Solar Cell by Mechanical Compression</b> S. H. Zoalfakar , <u>Eng.Aya Adel Gamal El-Din</u> , Eng. Eptesam mohamed Abedl-Moety
	02A6	<b>Role of Dyestuff in Improving Dye-Sensitized Solar Cell (DSSC) Performance</b> Ahmed A. Mohamed <u>Yehia Selim</u>
	02A8	<b>Factors Affect Dye Sensitized Solar Cells performance</b> Ahmed A. Mohamed <u>Yehia Selim</u>
<b>Break 15 minutes</b>		
Session starts at 16:15	03D2	<b>Bibliotheca Alexandria Shifts To Energy Efficiency Lighting Systems</b> Riham Abdel Hamid <u>Eng. Fahd Mohamed Shamandy</u>
	03D6	<b>Opportunities of Energy Saving In Lighting Systems For Public Buildings</b> Ayman Abd El-khalek Kamelia Youssef Ibrahim Yassin
	03D7	<b>Energy Efficiency Opportunities in Hotels</b> <u>Eng.Dina M.Said</u> Kamelia Youssef Hatem Waheed



## Hall E212 (Architectural Energy Saving)

Time	Paper code	Paper title-Author
Session starts at 15:00	03D5	<b>Low-Carbon Communities between Vision and Implementation</b> <b>The Case of Borg Al Arab</b> <b><u>Dr. Riham Nady</u></b>
	03D3	<b>Sustainability and Energy Value of Heritage Buildings</b> <b><u>Associate Prof. Dalia A. Elsorady</u></b>
	03D8	<b>Exploring the importance of employing bio and nano- materials for efficient buildings construction</b> <b><u>Dr.Mona Naguib</u></b> Mohamed El Fakharany
<b>Break 15 minutes</b>		
Session starts at 16:15	03D9	<b>Sustainable Biomimic Approach in Green architecture, Architectural applications inspired by nature</b> Pakinam . Nabil Ibrahim Eldesouki Barakat--- <b>Eng. Nourhane M. Ali Hassan el Haridi</b>
	03D4	<b>Dynamic Facades</b> <b>Environmental Control Systems for Sustainable Design</b> <b><u>Dr. Riham Nady</u></b>
	03D12	<b>Towards Sustainable School Buildings:</b> <b>Methods and Techniques used for Controlling Natural Lighting and Ventilation</b> <b>Dr.Marwa N. Charkas</b>
	03D14	<b>Towards a zero carbon Alexandria</b> <b>Eng.Mona M. Salem , Mary A. Zekry</b>