



ICEE-2019

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5th International Conference on Energy Engineering


24-26 December 2019 Aswan - Egypt



Conference Programme

Faculty of Energy Engineering – Aswan University, Aswan, Egypt

Tuesday Dec. 24th, 2019

Times	Action
9:00 AM to 10:30 AM	Opening Ceremony
10:30 AM to 11:00 AM	Center of Excellence for Energy (Scope and Objectives) Prof. Ahmed Ghoniem
11:00 AM to 11:30 AM	Espranza for Scientific Instruments General Manger Dr. Mohamed Ebeid 
11:30 PAM to 12:30 PM	Break
12:30 PM to 1:00 PM	<i>Future Electric Energy Systems and Development of Power Engineering Education</i> Prof. Omar Hanafy Abdalla
1:00 PM to 1:30 PM	<i>Role of Energy Storage in Successful Renewable Energy Future</i> Prof. Adel Khalil
1:30 PM to 2:00 PM	<i>Smart Grid and Renewable Integration</i> Prof. Ahdab M. K. Elmorshedy
2:30 PM to 4:00 PM	Lunch at Porto-Sono Italian Restaurant
4:30 PM to 6:30 PM	Nubian Museum

Wednesday Dec. 25th, 2019

Times	ICEE-2019 Control Engineering Session	ICEE-2019 Renewable Energy I Session
9:00 AM to 9:20 AM	Load Frequency Control of Single Area Power System using Water Cycle Algorithm Tarek Hassan Mohamed, A. M. Elnoby, Ammar M. Hassan, Adel Bedair Abdelmoety, and Shaimaa Abdelhameed	“Sun in a Box” Day-to-Night Solar Energy Storage for Heating and Cooling Applications Utilizing Zeolite Synthesized from Waste Residues Towards Energy Density Enhancement Maha A.Tony
9:20 AM to 9:40 AM	Power Quality Enhancement of Shunt Active Power Filter for Non-Linear Loads Mahmoud Hussein and Mahmoud Hasseeb	Optimum Seawater Depth in Modified Solar Still Using Vertical Flax Porous Media Ahmed H. Mohamed, Ahmed. N. Shmroukh, and M. Attalla
9:40 AM to 10:00 AM	Electro-Search Algorithm for Adaptive Position Tracking Control of a DC Servo Motor Tarek Hassan Mohamed, and Atef Abdel-Fattah Atef	Analysis of Photovoltaic in Egypt using SWOT and PESTLE Azza A. A. Mostafa, Kamelia Youssef, and M. Abdelrahman
10:00 AM to 10:20 AM	Design of Hybrid Fuzzy and Position-Velocity Controller for Precise Positioning of a Servo System Esam H. Abdelhameed, Tarek Hassan Mohamed, Marwa Mahmoud Hamed, and Gaber El-Saady Ahmed	Introducing the Urban Climate Model PALM System 6.0 Mohamed Hefny Salim, Sebastian Schubert, Björn Maronga, Christoph Schneider, and Mohamed Fathy Cidek
10:20 AM to 10:40 AM	A New Modulation Index Control (MIC) Technique for Reducing THD for Photovoltaic Applications Asmaa EL-Hussiny, Hany A. Hamed, and E. E. El-Kholy	Numerical Investigations of Parabolic Trough Collectors using Different Nanofluids Nabeel Abed, Imran Afgan, Adel Nasser, Hector Iacovides, Andrea Cioncolini and Tarek Mekhail

11:00 AM to 12:00 PM	Break	
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Times	ICEE-2019 Mechanical Power Engineering Session	ICEE-2019 Renewable Energy II Session
12:00 PM to 12:20 PM	Enhancement of Water Cooled Internal Combustion Engines Using Peltier Effect Abdelrhman Abdalla Elian, Walid Aniss Aissa, Omar Mohamed Dahab, and Mohamed Fathi Cidek	Experimental Study of Wind Turbine Blade Consists of Airfoils (NACA 63.XXX+FFA-W3) Tarek Mekhail, Mohamed Fathy Cidek, Hesham Sayed Abdel-Mohsen, and Ahmed Salah Mousa
12:20 PM to 12:40 PM	Parametric Study of the Flow in the Horizontal Absorber Tube of the Parabolic Trough Collector Tarek Mekhail, Mohamed Fathy Cidek, Michael N. Mekhael, and Imran Afgan	Experimental Measurements on the Effect of Solar Still Basin Height on its Performance Mahmoud Roshdy, Salama Abd Elhady, Mohamed Shaban, and Mohamed Fathy Cidek
12:40 PM to 1:00 PM	The Effect of Introducing HHO gas into the Intake Manifold of Spark Ignition Engine (SIE) Haroun Hassan, W. A. Aissa, M. Shaban Eissa, H. Abdel-Mohsen	Performance and Analysis of dc-dc Converter of Induction Motor Based on Renewable Biomass Energy Marianna M. G. Shokrallah, Sayed M. Ahmed, Dina M. Hafez, and E. E. EL-Kholy
1:00 PM to 1:20 PM	Numerical Study of the Flow in Stator-Rotor of Francis Turbine Ezz Eldin Mohamed Hefny, Tarek Mekhail, Waleed Ahmed Abdelfadeel, and Ibrahim Kamal Mohamed	Investigation of Cascading adsorption Water Desalination and Refrigeration Cycles with Integrated Evaporator-Condenser El-Sadek H. Nour El-deen, and K. Harby

2:30 PM to 4:00 PM	Nile Cruise	
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4:30 PM to 6:30 PM	Dinner at Eldoka Oriental Restaurant	
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7:00 PM to 10:00 PM	Sound and Lights show in Philae Temple	
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Thursday Dec. 26th, 2019

Times	ICEE-2019 Materials, Production, and Design of Energy Aspects Session	ICEE-2019 Electrical Power Systems Session
9:40 AM to 10:00 AM	Water Purification using Recycled Polymeric Microfiltration Membranes Mostafa Khaled, H. Noby, Eman S. Mansor, A. H. El-Shazly, and W. A. Aissa	Parameters Affecting the Maximum Temperature of the Medium Voltage Cable Termination Osama E. Gouda, Adel Z. El Dein, and H. M. Moneer
10:00 AM to 10:20 AM	Grey Wolf Optimizer for Detecting Aging of Power Cables Loai Nasrat, Mervat Hassan, Gehad Abdelgawad	Electric and Magnetic Energies in the Human Body Salama Abd Elhady
10:20 AM to 10:40 AM	Novel Polysulfone-Iron Acetate Nanocomposite Membrane for Oil / Water Separation Husain Alfadhel, Hamouda M Mousa, Gomaa A. A., and Gamal T. Abdel-Jaber	Dielectric Strength and Volume Resistivity Characteristics of EPR/PVC Blends for High Voltage Insulators under Different Environment Conditions Loai Nasrat, and Safaa Abdo Ibrahim
10:40 AM to 11:00 AM	Influence of Chromium Addition to MoNi Steel on Mechanical Properties at High Temperature Saeed Ghali, Hoda El-Faramawy, and Azza Ahmed	Notes on the International System (SI) of Units Salama Abd Elhady
11:00 AM to 11:20 AM		Feasibility of Superficial Small- and Micro-Hydro Power Plants in Egypt Ahmed Atallah, Hilmy Awad, and Mohammed S. Abd-Albary
11:30 AM to 12:00 PM	Break	
12:00 PM to 12:30 PM	ICEE-2019 Closing Ceremony	
12:30 PM to 2:30 PM	High Dam Tour	
3:00 PM to 5:00 PM	Lunch at Porto-Sono Italian Restaurant	

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 **ESPRANZA**
FOR SCIENTIFIC INSTRUMENTS

 **SMART SYSTEMS**
SCIENTIFIC AND LAB EQUIPMENT

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