

THE THIRD INTERNATIONAL CONFERENCE ON ADVANCED ENGINEERING TECHNOLOGIES FOR SUSTAINABLE DEVELOPMENT ICAETSD 2023
 21-22 NOVEMBER, NORIAS TOURIST RESORT, EL-FAYOUM, EGYPT
CONFERENCE PROGRAM

TUESDAY 21 st NOVEMBER 2023	
9:00 - 9:45	Registration
9:45 - 10:00	WELCOME AND INTRODUCTION – Main Hall
10:00 - 11:00	National Anthem
	Holy Quran
	OPENING SESSION – Main Hall Philadelphia
	Prof. Rania Abul Seoud, <i>Vice Dean, Post Graduate Studies & Research, Faculty of Engineering, Fayoum University</i>
	Prof. Sherif Elattar, <i>Dean, Faculty of Engineering, Fayoum University</i>
	Prof. Arafa Sabry, <i>Vice President, Post Graduate Studies & Research, Fayoum University</i>
	Prof. Yaser Hatata, <i>President, Fayoum University</i>
Dr. Ahmed Alansary, <i>Governor of Fayoum</i>	
11:00 - 12:00	KEYNOTE SPEAKER SESSION – Main Hall Philadelphia
	Moderators: Prof. Galal Said, <i>Ex. Minister of Transportation & Ex. Governor of Cairo & Fayoum</i>
	Prof. Hany Helal, <i>Coordinator of scan pyramids project, Ex. Minister of Higher Education & Scientific Research for Egypt, UNESCO Chairholder on Science & Technology for Cultural Heritage</i>
	Title: “Scan Pyramids 2023: The corridor last seen 4500 years ago”
12.00 - 12:45	OPENNING OF THE EXHIBITION & COFFEE BREAK

12:45 – 13:40

SESSION – Philadelphia Hall

Moderators: Prof. Khaled Hamza, *Ex. President of Fayoum University*

Prof. Ahmad Abdul-Latif, *Organizing Chair*

Dr. Heba Saleh Omar, *Information Technology Institute Chairman*

Title: “Improving Carrer opportunities”

Prof. Ahmed Abdalla Abdelghany, *Dean, Giza Higher Institute for Engineering and technology*

Title: “Green city”

Dr. Kamal Mostafa, *Chairman of CMB Company, Egypt*

Title: “Advances in Engineering Technology with Modern Building”

CHANGING HALLS

13:40 – 15:20

PARALLEL SCIENTIFIC SESSIONS A, B & C, Program Chair Prof. Amr M Gody

Session A:

Sustainable Engineering Design

Venue: Philadelphia Hall

Session Chair:

Prof. Khaled Hamza

Prof. Mohmed Sadek

Prof. Magdi Elyamani

Prof. Said Elkholy

Prof. Osama Hussein

Prof. Ahmed AbdelMalek

Session B:

Renewable Energy & Sustainability

Venue: Senusert Hall

Session Chair:

Prof. Khaled Fagal

Prof. Mohga Embaby

Prof. Shaimaa Magdy

Prof. Rofaida El-Attar

Prof. Yasser M Elmograby

Session C:

Engineering Science

Venue: Labyrinth Hall

Session Chair:

Prof. Wahid Sabry

Prof. Masoud Ibrahim

Prof. Eslam Elhelaly

Prof. Maged Kassab

Prof. Magdy Hanaa

Prof. Saber Saleh

14:00- 14:20	[A.1] The strategy of performing maintenance work and its impact on maintaining the efficiency of schools' operation. By: Nader ibrahem	[B.1] Towards an Integrated Approach for Embedding Building Information Modeling (BIM) in Architecture Pedagogy By: <i>Safaa A Barakat</i>	[C.1] Optimization of Fault Survey on Routing Algorithms for LEO Constellations Network. By: Eman Elbehiry, Heba Tageldien, Ahmed Fares , Basem M.Elhalawany
14:20 - 14:40	[A.2] Identification of the Need for Agile Methodologies in Construction Projects Design Management. By: <i>Ou-Aly, Ahmed Khodeir, Laila Elabd, Nouran.</i>	[B.2] The role of Traditional Architecture Techniques in the formulation of Sustainable Architectural Form in the Natural Reserves in Egypt. By: <i>Abdulalim, Esraa AA, Ehab Okba, Mohga Embaby</i>	[C.2] Optimization of Fault Diagnosis of Electrical Motors Using Adaptive Control Based on IOT Monitoring System By: <i>Tamer Elkhoragy, Sayed Osama, Mahmoud Elbahy</i>
14:40 - 15:00	[A3] Comprehensive Study of Soil Subgrade Reaction Using Different Constitutive Soil Models. By: Mohammed H. AbdelAziz	[B.3] Artificial Intelligence Applications in Green Architecture By: <i>Nesma Mohammed Abd El-Maksoud, Eman Badawy Ahmed</i>	[C.3] Protein 3D structure prediction Using Homology Method. By: Rania Abul Seoud, Nahed El Gali, Amany Lotyef, Margret Ezzat
15:00 - 15:20	[A.4] Green Energy Applications in Green Communities (Egypt2030) By: <i>Haitham Osama, Sara Atwa, Tahany Ahmad.</i>	[B.4] Parametric-based Approach in Architectural Design Procedures By: <i>Naglaa M. Yussuf, Ibrahim Maarouf, Mona M. Abdelhamid</i>	[C.4] Digital Testing of Analog Circuits. By: <i>Mahmoud A. Moussa, Atef L. Salama</i>
15:20 - 16:20	LUNCH BREAK		
PHOTOS & END OF DAY 1			

CONFERENCE PROGRAM

Wed nesday 22nd NOVEMBER 2023

Wed nesday 22 nd NOVEMBER 2023			
9:00 - 9:30	Registration		
9:30 – 12:30	PARALLEL SCIENTIFIC SESSIONS A, B & C, Program Chair Prof. Amr M Gody		
	Session A: Sustainable Engineering Design Venue: Philadelphia Hall	Session B: Renewable Energy & Sustainability Venue: Senusert Hall	Session C: Engineering Science Venue: Labyrinth Hall
	<u>Session Chair:</u> Prof. Hany El-Ghazaly Prof. Said Elkholy Prof. Ahmed Serag Prof. Ahmed Abdel-Azim	<u>Session Chair:</u> Prof. Ehab Okba Prof. Sameh Galal Prof. Reham Farag Allah Prof. Shaimaa Magdy	<u>Session Chair:</u> Prof. Maged Kassab Prof. Saber Saleh
9:30- 9:50	[A.5] The behavior of Steel Bolted Beam-Column Connection under blast load. By: Ahmed M. Abd-El-Latif, Fayza Zahran, Maha A.Nazif, Safinaz Khalifa	[B.5] Identification of the Need for Agile Methodologies in Construction Projects Design Management. By: Ahmed Abou-Aly; Laila Khodeir; Nouran ElAbd.	[C.5] Sensitivity of a Micro-scale Pump Flow Rate to Actuation Frequency Change By: Gamal R. H. Abo Elyamin, Khalid H. M. Abdalrahman.
9:50 - 10:10	[A.6] A Seismic Risk Evaluation Method for School Building. By: Maha A.Nazif, Mohamed E. Sobaih and Safinaz Khalifa.	[B.6] The Negative impact of Sustainable Development on Heritage Areas and Preserving Mechanisms for their Identity. By: Abdelrahman Mousa & Mohamed Ouda.	[C.6] Estimation of heat flux during spray quenching process using revision C measured data By: Khalid HM Abdalrahman; Gamal R. H. Abo Elyamin

10:10 - 10:30

[A.7] Optimizing reinforcing re-bar for multi-story buildings using automated bending lists
By: Ashraf Ahmed Talaat, Ahmed Nagy, Abd Elkarim, Tarek Selouma.

10:30 - 10:50

[A.8] Causes and effects of delays for construction public projects in Egypt. By: Ashraf Ahmed Talaat

10:50 - 11:10

[A.9] Estimating the Noise Levels Generated by Road Traffic in Egypt
By: Ashraf Ahmed Talaat.

11:10 - 11:30

[A.10] Numerical Analysis of Reinforced Concrete Columns Strengthened With Steel Jacket
By: Eslam Abd-El-Nabi, Fayza Zahran, Tarek Selouma.

[B.7] Eco-Empathic design: how the built environment can affect our brains and behavior. By: Mohamed Ouda, Abdelrahman Mousa.

[B.8] The strategy of performing maintenance work and its impact on maintaining the efficiency of schools' operation.
By: Nader Ibrahim Ismael.

[B.9] Increasing the percentage of occupancy in the coastal tourist development in support of the quality of life in Egypt. By: Abdelrahman Mousa, Tareq Hafez

[B.10] Methodology for Using Key Performance Indicators in Assessing Contractors' performance in Egyptian Construction Industry

[C.7] FDM 3D Printer based on Raspberry Pi
By: Elhasan Atef, Ahmed Gomaa, Ahmed Abdelaziz, Eman Adel Elbehiry, Nora Ahmed Ali

[C.8] Performance Comparison of External Active States for LTE DRX and HD-DRX Scenarios Based on Semi-Markov in 4G and 5G Networks By: Mustafa M. Sallam, Mohamed Hassan M. Mahmoud

[C.9] wireless Sensor Network Implementation to Prevent Railway Route Accident. By: Eman Elbehiry, Atef Salama, Fatma Abdelmoniem, Islam M Ibrahim.

[C.10] Electrochemical enhancement of carbon nanotubes utilizing mno₂ for energy storage applications. By: Nehad Yousf, Emtinan Ouda and Fatma Abdalla

11:30 - 11:50	<p>[A.11] Study of Water Flow Rate on Reinforced bar steel properties By: Atef El-amir.</p>	<p>By: Prof. Sherif El- Attar, Abdullah Badawy, May M Maged</p> <p>[B.11] The MOX Fuel Performance Analysis of ALFRED Core Using MCNPX Transport Code. By: Mohammed Ibrahim 1, A. Abdel-Latif M.</p>	<p>[C.11] Performance Evaluation of Scheduling Algorithms of LTE and LTE-A using Vienna Simulator. By: Aya fathy , Aya Osama, Gehad Reda, Nora Ahmed Ali.</p>
11:50 - 12:10	<p>[A.12] Comparison between different types of organic and inorganic coagulants used in water purification. By: Rania Hamdon</p>	<p>[B.12] Comparison between Microwave Radar Gauge and Pressure Gauge in Monitoring Sea Level Surface at Alexandria Naval Port. By: B. A. Shaheen a, G. G. Haggaga, and S. S. Saleh.</p>	<p>[C.12] Actual Time wireless communication application for Microcomputer System Based on Data Acquisition. By: Eman Elbehiry, Elsayed soliman, Tarek Mahmoud, Mahmoud Moussa</p>

PHOTOS & END OF DAY 2 & THE CONFERENCE