



Code No. 008.HE. Sunday - 21.08.2023

الراسل: مكتب أيد عميد كلية الهندسة
الموضوع: دعوة المؤتمر العلمي الدوري

عناية السيد الأستاذ الدكتور عميد كلية الهندسة جامعة المنصورة - الموقر

كلية الهندسة جامعة حورس مصر بدمياط الجديدة تهدي شخصكم الكريم خالص آيات التحية والتقدير،
وبعد،،،

يسر جامعة حورس توجيه الدعوة لسيادتكم لحضور المؤتمر العلمي الدوري بكلية الهندسة جامعة حورس مصر بعنوان:

البحوث التطبيقية المبتكرة عن التحديات الكبرى في الهندسة

Applied Innovative Research in Engineering Grand Challenges (AIRGEC 2023)

المزمع عقده في الفترة من 25-26 أكتوبر 2023م بجامعة حورس مصر

ونحيط سيادتكم علماً بأن موضوعات المؤتمر البحثية في التخصصات التالي بيانها:

Energy efficient systems, Steel, R.C. structures, foundations & water resources, electric vehicles, robotics, drive systems, IoT, cybersecurity, sensor networks, machine learning and AI and urban planning, sustainable transportation.

عليه..،

يرجي التفضل والتكرم من شخصكم الكريم بترشيح من ترونه مناسباً سواء بالحضور أو النشر في المؤتمر علماً بأنه سوف يتم تحكيم الأبحاث ونشرها في عدد خاص بالمجلة العلمية الهندسية لجامعة طنطا (ERJ) علماً بأن تقييم المجلة هذا العام هو (7/7) ، ومرفق رابط المؤتمر <http://airgec.eng.horus.edu.eg>.

وتفضلوا بقبول فائق الاحترام والتقدير..،

عميد الكلية

أ.د محمد أحمد ضبعون



فعلته على موقع الكلية
مصر / 17 / رقم
مرفق رابط المؤتمر
مصر / 17 / رقم

Scientific Committee

Abdel Hakim Khalil

Tanta University

Abo-El Aella Hasanen

Cairo University

Adel Dif

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University-Egypt

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Cairo University

Sherin Yousef

Arab Academy for Science,

Technology & Maritime

Transport

Weihao Hu

University of Electronics,

Science and Technology-China

List of Workshops

- Integration of Technology and Architectural Engineering.
- Composite Structures.
- Experiential Learning using FGPA.
- Web Development Fast Track using Word Press.
- Solid Work in Industrial Applications.
- Artificial Intelligence in Scientific Research.

Workshops Enrollment

Prof. Amr Hussein

Dr. Amr Zeina

Dr. Mohamed Kamal

Poster Presentations

Prof. Amr Hussein

Prof. Saad Muharam

Assoc. Prof. Hatem Khater

Assoc. Prof. Shaimaa Ali

Assoc. Prof. Walid Sami

Assoc. Prof. Maher Rashad

E-Services

Dr. Mohamed Kamal

Dr. Noha Elsayad

Publications

Dr. Riham Salah

Dr. Amr Zeina

Eng. Ahmed Altoubshy

Eng. Reham Ezzat

Eng. Menna Shokier

Eng. Hamdy Elsharkawy

Registration & Services

Supervisors of Student Organizations

Assoc.Prof. Hatem Khater

Assoc. Prof. Maher Rashad

Dr. Mohamed Kamal

Eng. Mohamed Elhadidy

Eng. Abdelrahman Algoth

Sponsors Organization

Dr. Mohamed Kamal

Dr. Amr Zeina

Eng. Ahmed Altoubshy

Finance & Logistics

Dr. Ahmed Rashed

University Administration



**Applied Innovative Research in
Engineering Grand Challenges**

25-26, October, 2023

**Organized by Faculty of Engineering
Horus University**

Under the Auspices of



Prof. Ibrahim Saber
President of the board of trustees

Prof. Hassan Elshenawy
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of trustees



Prof. Adel Dif
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Prof. Mohamed Dabaon
Dean of Faculty of Engineering
Horus University

Conference General Secretary



Assoc. Prof. Omer Alkelany
Vice-Dean for Postgraduate Studies &
Research Affairs and Vice-Dean for
Society Service & Environment
Development Affairs

About the event

Horus University- Egypt is a private University established by the presidential decree no.199 in 2013 and founded in New Damietta on 38 acres. It currently includes six faculties :

Engineering, Dentistry, Pharmacy, Physical Therapy, Business Administration & Medicine.

The Engineering Conference will host various speakers, and will include latitude of events such as industrial-technological exhibits, tutorials, seminars, poster presentations and professional short courses

Steering Committee



Prof. Amr Hussein
Head of Electronics and Communication
Engineering Dep., Faculty of Engineering, HUE

Assoc. Prof. Sayed Abulanwar
Electrical power Engineering
Faculty of Engineering, HUE



Dr. Riham Salah
Architectural Engineering
Faculty of Engineering, HUE



Dr. Noha El-Sayad
Electronics & Communication Eng
Faculty of Engineering, HUE



Dr. Mohamed Tolba
Civil Engineering
Faculty of Engineering, HUE



Conference Topics

(Such as, but not limited to)

1 Track of Electrical Engineering topics :

- Hybrid AC/ DC Micro- Grids.
- Power Transmission and Generation.
- Machine learning applications in power systems.
- Smart grid systems.
- Electric vehicles.
- Power system stability, planning, and operation.
- Engineering Innovations in Lighting Design, implementation, and energy saving.
- Green hydrogen and ammonia for energy and industrial purposes.

2 Track of Architectural Engineering topics :

- Energy & Urban Environment in Architecture, Urban Design & Urban Planning.
- Water Resources in Urban Planning.
- Sustainable in Architecture & Urban Planning.
- Challenges for Smart Cities.
- Applications of AI, BIM, CIM, in Architecture, Urban Planning and Smart Cities.
- Architectural Education.
- Smart Mobility & Infrastructure.

3 Track of Civil Engineering topics :

- Concrete technology & Environmental Engineering.
- Steel and Composite Structures.
- Hydraulics and Irrigation Systems.
- Geotechnical Engineering.
- Highway and Survey Engineering.

4 Track of Computer Engineering topics :

- Computer Systems and Networking.
- Artificial Intelligence.
- Deep Learning and Applications.
- Computing and Informatics.
- Information Security and cybersecurity.
- Data Science/ Analytics.

5 Track of Electronics and communications Engineering topics :

- IoT & Ad-Hoc Networking.
- Communication Software.
- Antenna Systems.
- Positioning & Navigation.
- Remote Sensing.
- Green Communications.
- Electrical Power Engineering.

6 Track of Mechanical Engineering & Mechatronics topics :

- Designing and analyzing control systems.
- Development and control of robotic systems.
- Sensors and Actuators.
- Automation and Robotics.
- Embedded Systems.
- Smart Materials.
- Micro-electromechanical Systems (MEMS).
- Motion Control.

Important Dates

Submission Deadline	Aug, 30, 2023
Notification of Acceptance	Sep, 15, 2023
Final Submission	Sep, 30, 2023
Early Registration	Oct, 15, 2023
Conference Date	Oct, 25-26, 2023

Co-Sponsors

Southeast University

China



University of Electronics Science and

Technology of China (UESTC)



Registration Fees

Before Oct.15 th After Oct.15 th

Authors:
1500 EGP. /Paper 1800 EGP. /Paper

Attendee:
500 EGP 800 EGP

Professional training (2 days) 700 EGP

Papers

Accepted papers by the jury of reviewers for the conference will be published in a special electronic issue at Engineering Research



Journal- Tanta University (ERJ)

<https://erjeng.journals.ekb.eg>

Conference Venue

Horus University (HUE)

Location :
New Damietta- Coastal
Road
New Damietta NDAM,
Egypt



E-mail: info@horus.edu.eg

*Accommodation available upon request

Contact Info

Please specify the track number in your submission to:

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