



4th CIC'S MULTIDISCIPLINARY INTERNATIONAL CONFERENCE

November 13 - 14 , 2019 - Cairo

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ONAR



SUSTAINABLE ENGINEERING SYSTEMS TRACK

Wednesday November 13th 2019 / NC

○ **8:30 am - 9:30 am**

Registration "Toronto Hall - Building A - Gate 1"

○ **9:30 am - 11:00 am**

Opening Ceremony followed with the speech of:

- Prof. Mahmoud Abo El-Nasr (CIC President)
- Prof. Abd Elshafy Fahmy Obada (President of Egyptian Mathematical Society)
- Prof. Adel Abdel Ghafar (Consultant Minister of Higher Education and Scientific Research)
- General Tarek Mahdy (Former Minister of Mass-com)

○ **Reception and Coffee Break**

Room G04-G05 11:00 am - 11:30 am

○ **Session 1**

Communication / Room D303A 12:00 pm - 01:15 pm

Moderator:

Prof. Moawad Ibrahim Moawad, Mounafia University

Referee:

Ass. Prof. Mahmoud Hanafy, Engineering / CIC

Session Organized by:

Ass. Prof. Shehab Ali Kandil, Basic Science Department, CIC

Dr. M. Helmy, Dr. M. Khalaf, Dr. Hesham Hefnawy and Eng. Shaimaa Mostafa

"Application of 5G Mobile Communication Networks"

Dr. Ahmed Hassan Eldeib, Eng. Hany Mohamed, Eng. Magda Yousef Mohamed and Eng. Students (Alaa Nabil, Ahmed Ashraf, George Tadrous, Hassan Ashraf, Passant Mohamed)

"Hardware Implementation of 2x2 MIMO-OFDM Communication System using USRP RIO 2942"

○ **Session 2**

Civil / Room D303B 12:00 pm - 01:15 pm

Moderator:

Prof. Ragab Megahad, Engineering Dean in Benha University

Referee:

Asc. Prof. Mervat Amin, Engineering School / CIC

Ass. Prof. Sherine Zahran, Engineering School / CIC

Session Organized by:

Ass. Prof. Shehab Ali Kandil, Basic Science Department, CIC

Asc. Prof. Amir Mohamed Akl Mobasher

"Improving water supply security through re-operation of multi-purpose reservoirs"

Dr. Mohamed Ahmed Reda

"Water Quality Modeling of Qarun Lake, El-Fayoum, Egypt"

○ **Session Electricity production by algae water desalination ponds**

Room D406 01:15 pm - 01:45 pm

Session Organized by:

Prof. Dr. Mohamed El Hosseiny El Nadi, Prof. of Sanitary & Environmental Eng. PWD, Fac. of Eng. ASU, Cairo, Egypt

○ **Coffee Break Room D301**

01:45Pm - 02:00Pm

○ **Session 3**

Communication / Room D303A 02:00 pm - 02:45 pm

Moderator:

Prof. El-sayed Mostafa Saad, Helwan University

Referee:

Ass. Prof. Eman Serag El-din, Engineering School / CIC

Session Organized by:

Ass. Prof. Shehab Ali Kandil, Basic Science Department, CIC

Dr. Mohamed Helmy and Eng. Mohamed Nagah

"Application of Compressive Sensing (CS) to Wide-Band Cognitive Radio signals"

Eng. Amel Mohamed Mahmoud

"A Survey on the Fifth Generation of Mobile Technology"

○ **Session 4**

Communication / Room D303B 02:00 pm - 02:45 pm

Moderator:

Prof. Mohiy Hadhoud, Business & Engineering Dean / CIC

Referee:

Asc. Prof. Ahmed Samir El-desouky, Engineering School / CIC

Session Organized by:

Ass. Prof. Shehab Ali Kandil, Basic Science Department, CIC

Prof. Ashraf Sayed Abdel Halim, Dr. Mahmoud Hanafy Saleh and Dr. Eman Serag El Din

"Evaluation of the microwave absorption characteristics for the PVA samples loaded with MWCNT"

Prof. Ashraf Sayed Abdel Halim and Eng. Students (Abdelrahman M.Elbelkasy, Mohamed R. Maghrabi, Mohanad M. Hassan, Omar H. Derwy)

"Solar Tracking System Implementation on Lamp posts"

Prof. Ashraf Sayed Abdel Halim and Eng. Students (Ahmed S. Saed, Mohamed E. Ibrahim, Ahmed O. Ahmed, Mohamed H. Elgazar)

"Smart Lock Door"

○ **Closing Conference / Room A308**
02:45 pm - 03:00 pm

Session Organized by:

Ass. Prof. Shehab Ali Kandil, Basic Science Department, CIC

- **Closing Conference**
- **Recommendations**
- **Certificates Receivable**

○ **Lunch Break Room G05**
03:00 pm - 03:30 pm