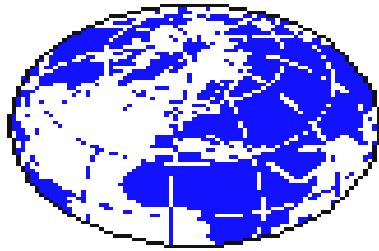


Programme

8th Environmental Physics Conference



EPC' 18

**23-26 September 2018
Marsa Matrouh, Egypt**

Programme of

**8th Environmental Physics
Conference
23-26 September 2018
Marsa Matrouh, Egypt**

EPC' 18

Organized by

**Egyptian Nuclear Physics Association (ENPA)
Cairo, Egypt**

Conference Chairperson
Prof.Dr. M.N.H. Comsan

Conference Coordinator
Prof.Dr. A.Z. Hussein

ENPA Board

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EPC' 18

Conference Programme

Sunday, 23 Sept. 2018

7:00	Gathering EAEA site, 3 Ahmed El-Zomor St., El-Zohour District, Nasr City, Cairo
7:00 – 7:30	Registration - Cairo
7:30	Departure
13:30-16:00	Arrival – Marsa Matrouh Hotel accommodation
15:00–18:00	Marsa Matrouh Registration
16:30-16:40	Opening Ceremony
16:45-18:00	Session Oral-1 / Selected Topics: [8/12] Chairperson: M.E. Eisawy 1 Proposal for estimating the impact of quantum computation on environmental evaluation: Mazhar Hefnawi [8] 2 Study of gamma irradiated high density polyethylene/carbon black composite and its durability as geomembrane: Howayda G. Taha [12]
19:00 -22:00	Free Evening

Monday, 24 Sept. 2016

9:30 – 17:00 Registration Desk

9:30 - 11:00 Session Oral-2 / Environment [4/7/9]

Chairperson: M.E. Abd El-Azim

- 1 Environmental impacts of molten salt reactor: Badawy Mahmoud Elsheikh [4]
- 2 Reducing environmental impacts of urbanization through vertical living walls: Samia Wafik Morsy [7]
- 3 Environmental impacts of energy installations: M.N.H. Comsan [9]

11:00 – 11:30 Break

11:30 - 13:00 Session KN / Keynote and Review: [11/15]

Chairperson: M.N.H. Comsan

- 1 The design requirements of safety and sustainable development in nuclear installations: N.M. Sirag and A.Z. Hussein [11]
- 2 Climatic change (in Arabic): Ferdous bint Saud Alsaleh [15]

13:00 - 14:00 Break

14:00 - 15:30 Session Oral-3 / Materials [2/5/10]

Chairperson: A.Z. Hussein

- 1 Analysis of creep behaviour of welded joints of P91 steel at 600 °C: O.E. El-Desoky. M.E. Abd El-Azim and M.R.

ElKossy [2]

- 2 Construction and execution qualities of a novel coated wire potentiometric sensor for selective determination of Mn (II) ions in various authentic samples: Refaat F. Aglan , Hazem H. Mahmoud and Ahmad M. Rashad [5]
- 3 The effect of radiation environment on electrical insulation materials: E.A. Eisawy [10]

15:30 - 17:00 Poster Session PS [1/6]

Tutor: M.E. Eisawy

- 1 Multi-elemental analysis and equid-dosimetric evaluation of inhaled dust: Atef El-Taher [1]
- 2 Biological treatment of wastewater contaminated with Cu(II), Fe(II) and Mn(II) using *Ludwigia stolonifera* aquatic plant: Hosam M. Saleh, Hazem H. Mahmoud, Refat F. Aglan and Talat A. Bayoumi [6]

19:00 - 22:00 Cultural Evening*

*) At extra charges, please contact conference secretary.

Tuesday, 25 Sept. 2018

- 9:30 - 11:00** Free Morning
- 11:00 - 13:00** Registration Desk
- 11:00 - 11:30** Break
- 11:30 - 13:00** **Session Oral-4 / Radiation and Health**
[13/14]
Chairperson: Atef El-Taher
- 1 Risk assessment for occupational potential exposure at cobalt tele-therapy units: A.S. Darrar, R.M.M. Mahmoud, M.R. Ezz El-Din, A.M. Khalaf and A.G. Mostafa [13]
 - 2 Natural radioprotectors to mitigate the radiation effects on radiotherapy patients and radiation workers: Mahmoud Hassan Shabon [14]
- 13:00-22:00** Free Afternoon Marsa Matrouh

Wednesday, 26 Sept. 2018

- 9:30 - 11:50** Registration Desk
- 9:30 - 11:00** **Session RT / Round Table**
Chairpersons:
M.N.H. Comsan & A.Z. Hussein
- Round-table discussion on the current status of climate change and its impact on Egypt.
- 11:00 - 11:30** Break
- 11:30 - 11:50** **Session CS**
Chairperson: M.N.H. Comsan
Conference Conclusions and Recommendations
Conference Closing
- 12:00 - 12:30** Departure Cairo

برنامج

المؤتمر الثامن للفيزياء البيئية
23 - 26 سبتمبر 2018
مرسى مطروح - مصر

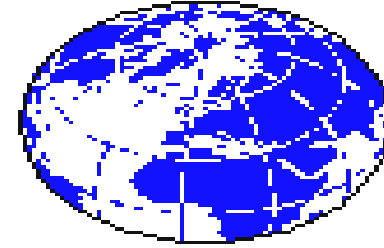
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الجمعية المصرية للفيزياء النووية
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برنامج

المؤتمر الثامن للفيزياء البيئية



مقب - 18

23 - 26 سبتمبر 2018
مرسى مطروح - مصر