

In This Issue

- Department Chair's Message.
- ME Staff Publication Awards
- ME Department News

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Chair's Message

This monthly meeting comes with pretty great news for our department staff. In this issue of **ME_connected**, we are pleased to announce the recognition of our staff for their research publications. Such outstanding research work was awarded in addition to the opportunity of publishing in various prestigious journals.



Dr. Mohamed El-Gamal
Professor and Chairperson

The way to Go!

Publication Awards

The department is delighted to announce the staff members who have been awarded for their prestigious research work. Awarded members are:

- ✚ **Prof. Mohamed Elhalwany** has been awarded for his journal paper titled "*In-Situ Synthesis of Amorphous Co Nanoparticles Supported onto TiO₂ Nanofibers as a Catalyst for Hydrogen Generation from the Hydrolysis of Ammonia Borane*". The paper is published at the Journal of Nanoscience and Nanotechnology which is Q3 ranked.

The Department of Mathematics and Engineering Physics congratulates Prof. Mohamed Elhalwany for his excellence.

- ✚ **Prof. Mohamed El-Gamel** has been awarded for his journal paper titled "*Error analysis of sinc-Galerkin method for time-dependent partial differential equations*". The paper is published at the Journal of Numerical Algorithms which is Q1 ranked. Prof. El-Gamel also co-author in another awarded paper titled "*On the sinc-Galerkin method for triharmonic boundary-value problems*". The paper is published at the Journal of Computers & Mathematics with is Q1 ranked.

The Department of Mathematics and Engineering Physics congratulates **Prof. Mohamed El-Gamel** for his excellence.

✚ **Prof. Mohamed Farhat Othman** has been awarded for his journal paper titled *"Broadband light trapping in nanotextured thin film photovoltaic devices"*. The paper is published at the Journal of Applied Surface Science which is Q1 ranked. Prof. Farhat also co-author in 13 awarded papers which are published in highly ranked journals. Further, he acts as a principal investigator (PI) or CO-PI for research projects (funding in the region of 25 M EGP).

The Department of Mathematics and Engineering Physics congratulates **Prof. Mohamed Farhat** for his excellence work.

✚ **Assoc. Prof. Mohamed Soror Abdel Latif** has been awarded for his journal paper titled *"Some new soliton-like and doubly periodic-like solutions of Fisher equation with time-dependent coefficients"*. The paper is published at the Journal of Modern Physics Letters B which is Q3 ranked. Dr. Soror also, awarded for his paper titled "New soliton solutions of the CH–DP equation using Lie symmetry method at the same journal.

The Department of Mathematics and Engineering Physics congratulates **prof. Mohamed Soror** for his excellence.

✚ **Dr. Abass Hassan Mansour** has been awarded for his journal paper titled *"New soliton solutions of the CH–DP equation using Lie symmetry method"*. The paper is published at the Journal of Modern Physics Letters B which is Q3 ranked.

The Department of Mathematics and Engineering Physics congratulates **Dr. Abass** for his excellence.

Department News

➤ **Prof. Mohamed Farhat Othman** has been elected as a "Senior Member" at the **Optical Society of America (OSA)**. Prof. Farhat has joined Zewail City of Science and Technology since August 2012 as a founding member of Center for Photonics and Smart Materials. He is a member of the Specialized Scientific Council of the Fundamental Science Research and National Committee of Physics at Academy of Scientific Research and Technology (ASRT). His main research interests are focused on the area of computational modelling of photonic devices including photonic crystal fibers, sensors, polarization handling devices, silicon on



insulator (SOI), surface Plasmon applications, Nano antennas, and solar cells.

The Department of Mathematics and Engineering Physics congratulates prof. Farhat for his achievement.

- **Dr. Ayman Mohamed Gomaa** has been selected to act as the **Director of the scientific computing center** at Mansoura University.

The Department of Mathematics and Engineering Physics congratulates Dr. Ayman Gomaa for the new position.

- **Dr. Galal Ibrahim ElBoghdady** has been selected to act as the **Director of the Crisis and Disaster Unit** at Faculty of Engineering.

The Department of Mathematics and Engineering Physics congratulates Dr. Galal ElBoghdady for the new position.

- The department is delighted to announce a series of seminars starting the coming Fall-2020. The schedule for such seminars will be advertised soon and will be hosted in the department seminar room. Some drinks and snacks will be served.
- Other activities will be announced later to cover our academic role towards both graduate and undergraduate students.
- **#Me_Connected**