



## THE EGYPTIAN MATERIALS RESEARCH SOCIETY

### THE 32<sup>nd</sup> INTERNATIONAL CONFERENCE Eg-MRS

6-9 January 2016

On board of a Nile Cruise between  
the ancient cities of Aswan and  
Luxor

#### Chairman

**Prof. Dr Mohamed El-Okr**

*Faculty of Science, Al-Azhar University*

#### Co- Chairman

**Prof. Dr. Mohamed El-Zaidia**

*Faculty of Science, Monofia University*

#### Conference General

#### Secretary and Organizers

**Prof. Dr. Hassan Afify (NRC)**

**Prof. Dr. Amer El-Korashy (BUE)**

#### Scientific Program Director

**Prof. Dr. Arafa Ali**

*Faculty of Science, Beni Suef University*

#### Important Dates:

**Deadline for Abstract Submission: Sep 23<sup>rd</sup> 2015**

**Decision: Oct 18<sup>th</sup> 2015**

**Early Bird Registration Deadline: Oct 30<sup>th</sup> 2015**



#### Organizing Committee

Amer El-Korashy (*The British University in Egypt*)

Arafa Hussein Aly (*Beni-Suef University*)

Amal Kasry (*The British University in Egypt*)

Talaat Meaz (*Tanta University*)

#### Scientific Committee

Ahmed Ramadan (*Helwan University*)

Fikri Resha (*Mansoura University*)

Hassan Afify (*NRC Cairo*)

Islam M. Ibraheem (*Sohag University*)

Kamal Abdelhady (*Minia University*)

Mahmoud Dongol (*south vally University*)

Mohamed El-Zaidia (*Monofia University*)

Riyad Ghazy (*Tanta University*)

Abdel-Hamid Abushaly (*Assiut University*)

Mahmoud Hussein (*University of Colorado Boulder*)

Hanns-Ulrich Habermeier (*Max-Planck-Ins., Germany*)

Mikhail Brik (*University of Tartu, Estonia*)

#### Mailling address

**All correspondences should be addressed to:**  
**The Egyptian Materials Research Society,**  
**33 Abdel-Khalik Tharwat Street, Cairo, Egypt.**

**Telephone/Fax: +202-23925997**  
(Sunday & Wednesday, 7-10 pm)

**E-mail:** All mails related to the registration or  
submission must be sent to the conference  
general secretary and organizer:  
[info@eg-mrs.com](mailto:info@eg-mrs.com)



#### Sponsors

- The Egyptian Materials research Society
- Photon Scientific Company

#### About Aswan

Aswan is located about 899 km south from Cairo, It is a serene Nile Valley destination where the Nile is more majestic than anywhere else, flowing through granite rocks, and round emerald islands covered in palm groves and tropical plants. It is considered as an all-time favorite winter destination. Aswan has many amazing monuments and sites; you can sail to the temple of Philae, see the Agha Khan Mausoleum and take an excursion to St. Simeon's Monastery. It's considered Egypt's sunniest southern and is the perfect destination to stroll and relax in a magical cultural setting. Since Ancient times, Aswan has also been known for its environmental therapy: burying the aching parts of your body in Aswan's sand gives valuable results and can help relieving you from stubborn ailments such as rheumatism, arthritis, joint edema and skin inflammation.

<http://en.egypt.travel/city/index/aswan>

**"This year the society will honour two of the leading figures in the field of Physics in Egypt.. In this occasion, the society will offer three awards in the name of Prof. Dr. Kamal Abdelhady for the best three oral presentations and three awards in the name of Prof. Ahmad Ramadan for the best three posters"**



## Workshop on Computational physics and biomedical applications

### Workshop Chairman

**Prof. Dr. Hassan Tallat**

*Faculty of Science, Ain Shams University*

### Workshop Co- Chairman

**Dr. Amal Kasry**

*The British University in Egypt*

While biology studies life complexity, physics deals with the laws of nature. Biomedical applications, based on physics laws, represent the challenge of spanning the distance between the complexity of life and the simplicity of physical laws. The importance of these applications is that they depend on, and related to, the societies needs like medicine, agriculture, forensic sciences, and environment. In this workshop we aim at presenting and discussing the challenges that material scientists, physicists and engineers face in the field of biomedical applications.



### Conference

The Conference aims to provide a forum for exchange of knowledge in the interdisciplinary fields of material science, on both basic and applied levels.

### The topics to be covered are:

- \* Semiconductors and devices
- \* Metal and polymer physics
- \* Nanostructure materials
- \* Photonics
- \* Optoelectronics
- \* Photonic crystals
- \* Magnetism and magneto-optics.
- \* Crystallography
- \* Spectroscopy
- \* Materials processing and characterizations

### Abstract

Abstracts for oral or poster presentations are no longer than one page (A4) with 2.5 cm margins, singles spaced and in Times New Roman. The title is centered and given in font 16 (bold) and the first letter in each word is given in capital letters. The author(s) names are centered and given in font 14 (bold). The institutional affiliation of each author is centered and given in font 11. The corresponding author is designated with an asterisk and his/her e-mail is given as a footnote. The body of the abstract is given in font 12. Tables, figures or references are not needed. It is advised to load the abstract with as much information as possible (not less than 100 words).

- Papers can be published in "The Egyptian Journal of Solids" after being refereed according to the regular procedure.



### Registration

Please follow the instructions on the Eg-MRS website: [www.Eg-mrs.com](http://www.Eg-mrs.com)

### Registration Fees

- Non-Egyptians: 500 Euro: [Covers full board accommodation (double occupancy room) as well as transportation from Cairo to Aswan and back.
- Egyptians: 1800 L.E. [Covers full board accommodation (double occupancy room) as well as transportation from Cairo to Aswan and back]
- Eg-MRS members: 1700 L.E.

**50% of the fees must be paid after abstract acceptance. Full amount must be paid before the 20<sup>th</sup> of December 2015**

Payment can be made directly in Eg-MRS office or Bank Misr account number 138000100000683 (from inside Egypt) and 13813000000153 (from outside Egypt).

### Important Notes

- Non-Egyptians must obtain Visas from the closest Egyptian Embassy.
- Arrival to Cairo should be arranged one day before conference date or fly directly to Aswan international Airport.
- The Trip from Cairo to Aswan takes about 10 Hours by bus or by train. Gathering points will be announced later.
- To fly directly to Aswan, please check this link for the airport routes:

<http://ourairports.com/airports/HECA/routes/>