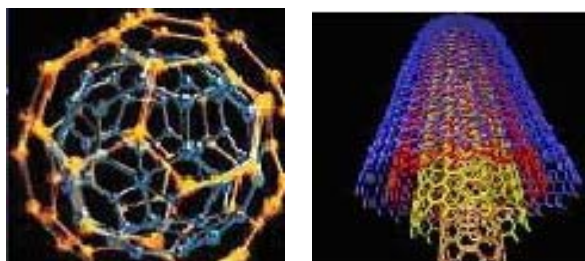


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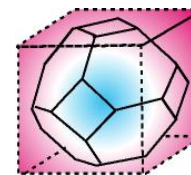
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*The Egyptian Materials Research Society  
(Eg-MRS)*

**Eg-MRS 2008**

**THE XXVII CONFERENCE  
ON  
Solid State Physics and  
Materials Science  
&  
WORKSHOP  
ON  
Nanostructure Science  
in Solids and  
Biological Systems**

**24<sup>th</sup> - 27<sup>th</sup> March 2008  
Gulf of Sues (Red Sea),  
Ain Soukhna, Egypt**

**Call for  
Abstract and Registration**

## CONFERENCE

The aim of the conference is to provide a forum for exchange of knowledge in the high interdisciplinary fields of solid state physics and materials science as well as to bring together scientists working in academic and applied research areas for constructive interactions.

The topics to be covered are:

- \* Semiconductor physics and devices.
- \* Metal physics.
- \* Superconductivity.
- \* Nanostructure materials.
- \* Optoelectronic Materials.
- \* Solar Energy Materials and Devices.
- \* Magnetism and Magneto-optics.
- \* Crystallography and Amorphography.
- \* Polymer Physics.
- \* Spectroscopy and Optical Properties.
- \* Surface Physics.
- \* Metrology in Materials Science.

## WORKSHOP

Nanoscience and Nanotechnology are now the major objectives of research in Materials Science due their impact in basic science, engineering, biology and medicine. This year, we keep the tradition of the last conference in presenting this workshop on nanostructures from solids to biological systems. The lectures include science of nanostructured materials as well as synthesis, fabrication, and control of size and shape in the the following subjects:

- Nanosensors.
- Nanoceramics.
- Photovoltaic.
- Nanotechnology in petrochemical industries.
- Plasmonic (noble metal nanoparticles)
- Nanophotonic devices and biophotonics.
- Biomaterials and biomedical materials.

## ABSTRACTS

Abstracts for oral or poster presentations are no longer than one page (B5) 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) name(s) is (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).

- Abstracts must be submitted online (contact@egmrs.org) by March 5<sup>th</sup>, 2008. Accepted abstracts will be published in the conference booklet.
- Papers can be published in "The Egyptian Journal of Solids" after being refereed according to the regular procedure.

## REGISTRATION FEES

- EURO 650: For non-Egyptian [Covers full board accommodation (double occupancy room) as well as transportation from Cairo to Ain Soukhna and back. Single occupancy is available at extra cost.
- LE 950: For Eg-MRS members [Reduced in accordance with the decision of Supreme Council of Universities].
- A number of scholarships will be available to junior scientists.
- The deadline for receiving the registration fees is March 5<sup>th</sup>, 2008.
- Payment can be made directly in Eg-MRS office, or Misr Bank, Tharwat Branch:  
Payable to The Egyptian Materials Research Society: Local Currency: Account No. 1931.  
Foreign Currency: Account No. 387/11.

## APPLICATION

Use online registration or post your information [name, institution, address, e-mail and presentation (oral or poster)].

## LANGUAGE

The conference and the workshop language is English.

## MAILING ADDRESS

All correspondances should be addressed to:  
**The Egyptian Materials Research Society (Eg-MRS),**  
33 Abdel-Khalik Tharwat Street,  
Cairo, Egypt.  
**Telephone/Fax:** +202-23925997  
(Sunday & Wednesday, 7-10 pm)  
**E-mail:** contact@egmrs.org  
**Web:** http://www.egmrs.org

## ABOUT AIN SOUKHNA

Ain Soukhna, the Arabic for "hot spring", on the Egyptian Red Sea Coast (actually on the Gulf of Suez) was named after the nearby sulfur springs in Gebal Ataqa, a nearby Eastern Desert mountain. It is the nearest bathing resort to Cairo, which is located 90 kilometers to the east, and it is close enough to Cairo for a day-trip (about an hour's journey by car). It is a region that stretches from just south of Suez down the coast for about sixty kilometers, and mostly consists of a port along with a series of resort complexes, with a few independent restaurants scattered along the coastal road. This popular weekend resort has fine beaches, coral reefs, fishing and water sports.