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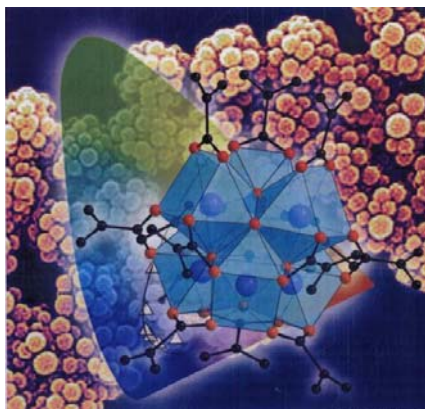
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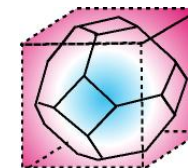
MAILING ADDRESS

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The Egyptian Materials Research Society



*Academy of Scientific
Research and Technology*



*National Institute
for Standards*

Eg-MRS 2010

**THE XXVIII INTERNATIONAL
CONFERENCE**

**ON
Solid State Science and
Materials Physics
&
WORKSHOP
ON**

**Functional Nanostructures and
Hybrid Organic-Inorganic Materials**

**22 - 25 March 2010
Fayoum, 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 science and materials physics as well as to bring together scientists working in academic and applied research areas for constructive interactions.

The topics to be covered are:

- * Semiconductors and devices.
- * Metal and polymer physics.
- * Nanostructure materials.
- * Optoelectronic materials.
- * Materials for energy.
- * Magnetism and magneto-optics.
- * Crystallography and Amorphography.
- * Spectroscopy and optical properties.
- * Materials processing and characterization.

WORKSHOP

Research in nanoscience and hybrid materials has experienced considerable growth in recent years with increasing interest from a wide range of industries. Hybrid materials have currently a great impact on numerous future developments including nanotechnology. Hybrid materials can create new products with desirable properties, such as being: durable, high-strength, intelligent, bioactive, biodegradable and lightweight. The lectures include science of nanostructures in novel hybrid configurations of organic/inorganic materials; synthesis, characterization and applications:

- Future of electronics and optoelectronics.
- Nanoscale and hybrid optoelectronic devices.
- Nanosensors and Nanoceramics.
- Zero thermal expansion and nano-structured inorganic-organic hybrid crystal.
- Plasmonic (noble metal nanoparticles)
- Nanophotonic devices and biophotonics.
- Biomaterials and biomedical materials.
- Light emitting diodes.

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 February 24th, 2010. 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 Fayoum 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 February 24th, 2010.
- Payment can be made directly in Eg-MRS office, or Misr Bank, Tharwat Branch:
Payable to The Egyptian Materials Research Society: Local Currency: Account # 138/1/683.
Foreign Currency: Account # 138/120/371.

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.

ABOUT EL-FAYOUM

The city dominant attractions are the water wheels built by the Greek settlers, the canals, and the Obelisk which stands at the city's northern entrance and was erected in honor of Senwosret I (12th Dynasty). Fayoum is a wonderful area of Egypt with a rich and interesting history. It is an area where Egyptians often vacation and which is constantly growing more popular among Europeans. The lake Qaroun (215 sq. km) remains Egypt's largest salt water lake. The prehistoric people who lived here were, at first, nomadic hunters and gatherers, but later began harvesting plants near the lake. This developed into what is said to be the earliest agricultural area in the world, where fences were erected and guarded warehouses built. It has remained an agriculture center, well known for its fruits, vegetables and chickens.

