

First ANNOUNCEMENT

Fifth Workshop & Training Program in Plasma Technology Applications in

Industry, Environment and Medicine

Organized by

Al-Azhar University Centre of Plasma Technology (AUCPT)

Nasr City, Cairo, Egypt

(24 – 28 December 2016)

Scope

We wish to announce the fifth Workshop in Plasma Technology Applications in Industry, Environment and Medicine, to be held in Al-Azhar University, Cairo Egypt 24 - 26 December 2016. In parallel with the workshop a training program will be organized in the centre of plasma technology. The necessary Physical principles of the different experiments in the training program, and a brief introduction covering fundamentals of the plasma physics and technology will be presented to the participants prior to experimental training.

Plasma science covers a wide range of topics, both fundamental and applied technology. This workshop and training program aims of filling the gap between plasma scientists and those who are interested in knowing and practicing the new and modern plasma technology applications in different fields of industry, agriculture, medicine and environment.

Topics

- Fundamentals, basic mechanisms and diagnostic techniques of plasmas.
- Plasma physics and Nanotechnology.
- New aspects in solar cells technology.
- Plasma as a future energy source.

- Plasma modelling and simulation.
- Low-pressure non-equilibrium plasma processing for surface modifications.
- High-pressure plasma processing and their expecting diverse applications.
- Pulsed plasmas and their applications.
- Industrial, medical, biological, agriculture and environmental applications of plasmas.
- Laser produced plasmas and laser plasma interactions.
- Laser aided plasma diagnostics.

Venue

Egypt is a country that combines five thousand years of history with modern civilized culture in a beautiful setting. Cairo is the site of the meeting; it blends east and west, ancient and modern. Al-Azhar University is the oldest University all over the world, over than one thousand years, besides the religious faculties, it including modern scientific faculties. It is located in Nasr city which is 10 kms away from Cairo international Airport and 6 kms from the down town.

Registration

All participants attending the workshop and/or the training program must register by September 1st 2016.

The registration fees for the workshop and the training program together is:

- 500 US\$ for foreigners
- 700 LE for Egyptians
- 400 LE for Egyptian students

Registration fees do not include accommodation.

Important Deadlines

- *Registration September 1st 2016*
- *Abstract Submission October 1st 2016*
- *Acceptance Notification October 7th 2016*
- *Final Announcement October 31st 2016*

Weather

The weather in Cairo is usually warm and sunny during this period of the year. The temperature is about 20°C and a little cold at night.

Visa

Citizens having passports from certain countries need a visa to enter Egypt. If you need assistance to obtain the visa please contact the organizing committee. For further information, participants are advised to consult their local travelling agent or the nearest Egyptian diplomatic mission.

Contact Details

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