



One Day Seminar on

Plasma and Nuclear Fusion: Theory and Applications

03-11-2020

Organized by Egyptian Atomic Energy Authority and Academy of Scientific Research and Technology -National Radio Science Committee

EAEA Headquarter, Nasr City, Cairo, Egypt

Under auspices of

Prof. Atef A. Abd Elhamid Prof. Mahmoud Sakr

Chairman of EAEA Chairman of ASRT

Plasma science covers a wide range of topics, both fundamental and applied technology. We wish to announce the one day seminar on Plasma Physics, Nuclear Fusion and Plasma Technology Applications. It will be held at Egyptian Atomic Energy Authority (EAEA) Headquarter, Nasr City, Cairo, Egypt on Tuesday 03/11/2020. It is sponsored by EAEA and National Radio Science Committee of ASRT. One of the NRSC commissions is Waves in Plasma (commission H), local correspondent to URSI commission H, is concerned with promotion of plasma science and applications in Egypt. A brief introduction covering fundamentals of the plasma physics and technology physical principles, different theories and applications will be presented to the participants.

This one day seminar is of great interest to plasma scientists and those who are interested in knowing and practicing the new and modern plasma technology applications in different fields.

Registration is free at:

https://docs.google.com/forms/d/e/1FAIpQLSeZmbv2gXzmRDdlr7gAlilq2u8vaHOaZI457pQ65VoIOWAoyA/viewform?usp=pp_url

Preliminary Program:

Time	Lecture Title	Speaker
10:00-11:00	Lecture 1 Controlled Thermonuclear Fusion	Prof Em. Sherif Mohamed Khalil Plasma Physics & Nuclear Fusion Dept. Nuclear Research Center EAEA
11:00-12:00	Lecture 2	Prof. Atef Elbendary

	KDV equation at dusty plasma	Associate Prof. Of Theoretical Physics Faculty of Science Tanta University
12:00-12:30	Break	
12:30-01:30	Lecture 3 Plasma Application in MEMS Etching	Pro. Daaa Khalil Acting Dean, Faculty of Engineering Ain Shams University
01:30-02:30	Lecture 4 Plasma Application in Antenna	Prof. S. H. Zainud-Deen Faculty of Engineering and Technology Badr University in Cairo (BUC)

Organizing Committee:

Chair: Prof. Imbaby I. Mahmoud, Ex-Chairman of Nuclear Research Center, EAEA and Egypt Commission H Representative

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