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Updates

EGY Plasma school

7th Spring Plasma School at Port Said

Port Said, Egypt on 6–8 March 2022



Prof. Dr. Waleed Moslem
The British University in Egypt
Port Said University

Prof. Dr. Amr El-Zant
The British University in Egypt



The Abdus Salam
International Centre
for Theoretical Physics



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LECTURES TABLE

Sunday

6 March 2022

Opening & Introduction

Time	Title	Speaker
12:00 – 02:00	Registration and check-in rooms	
02:00 – 03:30	Lunch	
03:30 – 04:00	Opening	Waleed Moslem
04:00 – 05:00	Introduction to plasma physics	Ibraheem Elkamash
05:00 – 07:00	Ice breaking	
08:00 – 09:00	Birthday party	
09:00 – 10:00	Dinner	

Monday

7 March 2022

Basic Concepts & Plasma Applications

Time	Title	Speaker
07:00 – 09:00	Breakfast	
09:00 – 10:00	Observation of electrostatic waves in plasma	Mahmoud Afify
10:00 – 11:00	Plasma models	Ibraheem Elkamash
11:00 – 12:00	Plasma pulse geo drilling for geothermal energy	Mohamed Ezzat
12:00 – 12:30	Coffee break	
12:30 – 01:30	Deference between big and small experimental plasma devices	Azza Talab
01:30 – 02:30	Plasma regimes and plasma approximations (Part I)	Waleed Moslem
02:30 – 03:30	Cosmological plasma and the microwave background	Amr El-Zant
03:30 – 05:00	Lunch	
05:00 – 06:00	Group work (I)	Azza Talab
06:00 – 07:00	Group work (II)	Plasma Team
07:00 – 08:00	Plasma experiment	Arabia company
09:00 – 10:00	Dinner	

Tuesday
8 March 2022

Basic Concepts & Plasma Applications & The 4th One Day Plasma Conference

Time	Title	Speaker
07:00 – 09:00	Breakfast	
09:00 – 10:00	Solar wind and ionic escaping from planetary objects	Samy Salem
10:00 – 11:00	Plasma etching in MEMS engineering and its optical applications	Diaa khalil
11:00 – 11:30	Plasma regimes and plasma approximations (Part II)	Waleed Moslem
11:30 – 12:00	Coffee break	
12:00 – 12:30	Radio frequency capacitive coupled plasma Ar/CF ₄ discharge	Mohamed Elsheikh
12:30 – 01:00	Effect of cold atmospheric pressure plasma on diabetic wound healing	Mohamed Khalaf
01:00 – 01:30	Characteristics of ion-acoustic solitons at martian dayside ionosphere	Hala Elgohary
01:30 – 01:40	Mini Break	
01:40 – 02:10	Ionic loss from Venus through the solar wind interaction with the Venusian ionosphere	Nora Elshafaey
02:10 – 02:40	Enhancement of surface properties and antibacterial performance of PVA/Cs films using cold plasma tr	Esraa Eid
02:40 – 03:10	Numerical investigation of the immersion liquid blanket as a heat extractor in ARC fusion reactor	Ayman Hamada
03:10 – 04:00	Lunch	
04:00 – 07:00	Free time	
07:00 – 08:00	Way to science and scientific publication	Waleed Moslem
08:00 – 09:00	How to apply for a graduate program	Faisal Sayed
09:00 – 09:15	The best group works and presentations awards	
09:15 – 10:00	Round table discussions with the speakers	
10:00 – 11:00	Dinner	