

2nd PBC

2nd Plasma Basics Course

British University in Egypt, 18 August – 15 September 2021



Prof. Dr. Waleed Moslem

The British University in Egypt
Port Said University

Prof. Dr. Amr El-Zant

The British University in Egypt

Timetable - 2nd Plasma Basics Course ([check for updates](#))

Day 1, 18 August 2021		
Time	Title	Speaker
12:00 – 01:00	Introduction and Plasma Nature	Waleed Moslem
01:00 – 01:30	Break	
01:30 – 02:30	Basic Concepts	Waleed Moslem
02:30 – 04:00	Problem Solving	
Day 2, 25 August 2021		
12:00 – 01:00	Single Particle Motion	Waleed Moslem
01:00 – 01:30	Break	
01:30 – 02:30	Plasma Models I	Waleed Moslem
02:30 – 04:00	Problem Solving	
Day 3, 1 September 2021		
12:00 – 01:00	Plasma Models II	Waleed Moslem
01:00 – 01:30	Break	
01:30 – 02:30	Electron Plasma Wave	Waleed Moslem
02:30 – 04:00	Problem Solving	
Day 4, 8 September 2021		
12:00 – 01:00	Ion Wave I	Waleed Moslem
01:00 – 01:30	Break	
01:30 – 02:30	Ion Wave II	Waleed Moslem
02:30 – 04:00	Problem Solving	
Day 5, 15 September 2021		
12:00 – 01:00	Concept of β	Waleed Moslem
01:00 – 01:30	Break	
01:30 – 02:30	Two Stream Instability	Waleed Moslem
02:30 – 04:00	Problem Solving	