

جدول سمنارات قسم الفيزياء للفصل الدراسي الأول للعام الجامعي 2024-2025

Week	Date	presenter	Title	Supervisor/s
4	10 September 2024	balsam sofi	Pegylated- mesoporous silica nanoparticles for efficient: curcumin delivery across blood brain barrier and molecular imaging of the brain.	Dr.Nehal
10	22 October 2024	Rasul Redoy (master)	Optimizing Performance and Scalability of Lead-Free Formamidinium Tin Iodide Perovskite Solar Cells	Prof. wageh swaliam
11	29 October 2024	Dr. Mohamed AlGhamdi	Effect of Quantum Confinement on Electrical Properties in GaInP Semiconductor Laser Diode Structures	King Fahed Center-ground floor- Zone B- Classroom 1
11	Wednesday 30/10/2024 from 1pm-2pm	Prof. Zain yamni	Director of KFUPM Interdisciplinary Research Center for Hydrogen Technologies and Carbon Management (IRC-HTCM)	Online
12	05 November 2024	Professor Absar Ahmad	Director Interdisciplinary Nanotechnology centre, Aligarh Muslim University, Aligarh, India Title: Nanobiotechnology: Bridging the gap between Biology and Nanoscience	Onlin
Fall break				
13	19 November 2024	1-Zeinab Musleh (master) 2- Nuha altubnawi (PhD)	1-Effect of Indium Concentration on Optoelectronic Properties of InGaAs QD Laser Diodes 2- 3D digital phantoms generation and projection data simulation in SPECT	1-Dr. Mohammed Al-Ghamdi 2-Dr. Abobaker alzrad
14	26 November 2024	1-Maysah Hussam (master) 2- Hala Alamoudi (master)	1-Photoelectrochmemical cell based on CuI thin films. 2- Self-Powered Ultraviolet Photodetectors Based on P-type Copper Iodide Thin Films	Prof. Hala Al-jawhari
15	03 December 2024	1-Fatimah ALBALawi (pHD) 2- Mosa Alassiri (pHD)	1- Enhancing the CuO Thin Film Surface Morphology through Controlled Cyclic Voltammetry for Electrochromic Applications 2-ARTIFICIAL INTELLIGENCE FOR CLASSIFICATION OF CARDIOVASCULAR DISEASES (CVDS) USING MEDICAL IMAGING TECHNIQUES	1-Dr.Waleed shirbeeny 2- Prof. Hatem Besbes & Dr. Samia Aboushousah
16	10 December 2024	1- Ghazalah Aldosari (master) 2-Wafa Al-Haraidh (PhD)	1-Theoretical study on thermoluminescence mechanism of some medical dosimeters. 2-Novel route for metal oxide(MgO) nanoparticles synthesis via Green Chemistry using plants extracts.	1-Dr.Waleed shirbeeny 2- Dr.Mohammed Aida