

BPU 12 Congress

Wednesday 9 July 2025

Poster Session 1 - Cntral Library 2nd Floor Main Hall (14:30 - 15:00)

[id] title	presenter	board
[230] Synthesis and characterization of NaMgF ₃ :La ₂ O ₃ NPs	POTLOG, Tamara	
[38] Implementation of quality control procedure for Computed Tomography imaging modalities in radiology departments in Albania	DISHA, Luljeta	
[120] Evaluation of the activity of a ¹³⁷ Cs radioactive source utilized in oil-welling in Albania.	Prof. TUSHE, Kozeta	
[54] The SPF Determination of Albanian Sideritis Raeseri Aqueous Solutions And Correlation With Phenolic Compounds	Dr XHUVANI, Emil	
[63] Spectrophotometric Evaluation of Sun Protection Factor (SPF) of Wild Sideritis raeseri under Variable Solvent and Temperature Conditions	Dr XHUVANI, Emil	
[18] Assessment of X-ray field congruence and beam perpendicularity testing for diagnostic equipment by medical physicists and radiographers in various hospitals in Albania	Dr DISHA, Luljeta	
[164] Gamma Spectrometry Evaluation of Soil Radioactivity in the City of Veles and Its Environs	ZLATANOVSKA, Irena	
[95] "molecularDNA" example application for the simulation of radiation-induced DNA damage using Geant4-DNA	DORDEVIC, Milos	
[41] Assessment of Indoor Radon Concentrations in Tirana's Schools and Workplaces Using Passive Techniques	Prof. TUSHE, Kozeta	
[182] Structural and optical properties of tin oxide thin films	CONDURACHE-BOTA, Simona	
[83] A New Method and Device Concept for Real-Time, In-Situ Evaluation of Microplastics in Water	VLADIMIROV, Georgi	
[157] Phase transitions in bionanocomposites functionalized by nanoparticles	MARINOV, Yordan	
[169] Electrical properties and structure of nanocomposite electrolytes of ion-conducting polymer (PEO) doped with nematic liquid crystals (5CB) and single wall carbon nanotubes	MARINOV, Yordan	
[62] Application of Digital Industrial Radiographic Testing in the Inspection of Welds Based on European Standards	ALUSHLLARI, Mirela	
[102] Sensing Interactions of Chlorella Vulgaris and Model Lipid Membranes Using Gold and Carbon Screen-Printed Electrodes	POPSTOYANOVA, Desislava	
[80] Investigations on hyperspectral images segmentation for cells from cavity serous fluids	MIHAILESCU, Mona UNGUREANU, Andrei VLADU, Ion Gabriel CRISTEA, Darius FECHETE, Vlad	
[17] Analysis of equilibrium states in a Pople-Karasz model using mean and Gaussian curvatures	ERDEM, Rıza	
[57] Dosimetric Verification of Monte Carlo and Collapsed Cone Models	Mr BAKIRI, Eno	

[5] The effects of red/infrared light treatment on the total protein concentration in lymphocytes	SOFTIC, Amela	
[13] MRI-Based Characterization of Pelvic Masses: A Physics Perspective	Dr CAZACU, Nicoleta	
[42] Hidden colours of Albania: Fresco pigments study from an isolated church in Leshnicë, 18th–19th century	Prof. ÇAKAJ, Olta	
[50] Polarization Mapping of Elements with Spatially-Varying Birefringence	Dr STOYANOV, Lyubomir	
[79] Detection of hydrogen isotopes in fusion-relevant targets via laser ablation and microwave-induced plasma	VUJADINOVIĆ, Nikola Dr TRAPARIĆ, Ivan	
[190] Fabrication and characterization of novel iron oxide aeromaterial	CRECIUNEL, Catalin	
[225] Functionalization of Titanium-based surfaces with 3D polymeric microstructures fabricated by Laser Direct Writing via Two Photon Polymerization	GHITA, Roxana Gabriela	
[224] Synthesis, optical and morphological characterization of different sizes gold nanoparticles for the development of viromimetic particles	JINGA, Maria-Lorena	