

2024 INTERNATIONAL TOPICAL MEETING ON NUCLEAR APPLICATIONS OF ACCELERATORS

Tuesday, March 19, 2024

Poster Session - Light Reception - 3rd Floor - Poplar/Providence Hall (5:30 PM - 7:00 PM)

time	[id] title	presenter
5:35 PM	[58] Switching Irradiation Facility in Jordan from Co-60 to e-beam X-Ray	Mr ETOOM, MOH'D AMER
5:36 PM	[70] The Effect of Electron Beam Irradiation on Bio-threatened Organic Artefacts	ABDELREHIM, Hassan
5:37 PM	[105] Advanced Monte Carlo simulations and benchmark of residual dose rate assessments in the ATLAS detector at CERN LHC	Mr LORENZON, Tommaso
5:38 PM	[115] Radiation as Sterilization Modality of Intravenous Fluid Delivery System Device and its Effects on the Physicochemical and Functional Properties	FLORES, Jeric
5:39 PM	[116] Shielding Properties of Lead-Free Tellurite Glasses against Photons, Neutrons, and Ions	UPADHYAY, Devendra Raj
5:40 PM	[117] Upgrading and development of the Lebanese accelerator setup for IBA applications in environment and archaeology	ROUMIE, Mohamad
5:41 PM	[126] HIF IFE Industry for Industry	BURKE, Robert
5:42 PM	[137] Coupled Target-Beam-Moderator Optimization for the Second Target Station	GHOOS, Kristel
5:43 PM	[143] - Towards cancer nanoradiopharmaceuticals – radioisotope nanocarrier system for prostate cancer theranostics based on radiation-synthesized polymer nanogels	KADLUBOWSKI, Slawomir
5:44 PM	[145] Status of Accelerator Facilities in Thailand: Past, Present, and Future	Ms CHINNAWET, Manchusa
5:45 PM	[153] Design of the Moderator Reflector Assembly for the Second Target Station	JANNEY, James
5:46 PM	[155] ORNL Second Target Station Vessel Systems Preliminary Design Update	ANTON, Chris
5:47 PM	[161] Radiation Induced Recycling of Polycarbonate and Acrylonitrile Butadiene Styrene Plastics by Gamma Radiation and Electron Beam	TIKOLOGO, Otsile
5:48 PM	[174] Contribution of PM2.5 Organic and Inorganic Components to Air pollution in Lebanon	Dr NSOULI, Bilal
5:49 PM	[184] Electron Beam Decomposition of Losartan and Methocarbamol Two Emerging Pollutants from Aqueous Solutions	AMIRA, ZAOUAK
5:50 PM	[187] Physicochemical Properties of E-beam Irradiated Honey	Ms KHAN, Asma BAGLA, Hemlata
5:51 PM	[188] Simulation of dose distribution with PUFFIn® software on hydrogels for environmental applications	BORDA, Brian
5:52 PM	[190] Comparison of Computational Codes for the Accelerator-Based and Reactor-Based Production of Cooper-67	SALAS TAPIA, Luis Fernando

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5:53 PM	[189] Electron Beam Technology for Enhanced Methane Generation in Resource Recovery Facilities	PATEL, Satya
5:54 PM	[194] Study of neutron production in accelerator-driven spallation targets	Prof. SILVA, JOSE CASSIMIRO
5:55 PM	[199] Multi-technique hair analysis to determine occupational metal exposure in Sudanese gold artisanal miners	Dr EISA, Mohamed
5:56 PM	[200] Electro-mechanical Behavior of Irradiated Nano-filled Polyvinyl Alcohol	ABDELMALIK, Abdelghaffar Amoka
5:57 PM	[201] Challenges and Considerations in Transitioning from Cobalt-60 to Linear Accelerators for Radiotherapy in LMICs Healthcare Settings: A Case Study of Nepal	Dr ADHIKARI, Kanchan P
5:58 PM	[225] High Yield Muon Catalyzed Fusion & Muonium	GARCIA BADARACCO, Erica
5:59 PM	[226] Muography in the context of general relativity and extremely massive objects	Mr OKUTSU, Akitoshi
6:00 PM	[227] Regulatory Control at Class I Accelerator facilities in Argentina: Present and Future	RABI, Germán
6:01 PM	[232] A Novel Low-Energy Muon Production Beamline at Fermilab	WINTER, Wesley
6:02 PM	[235] Alpha Track Detection from Industrial Effluents on Polymeric CR-39 Solid State Nuclear Track Detector	BAGLA, Hemlata
6:03 PM	[245] DYNAMITRON® DC 1500/25/4 TYPE ELECTRON BEAM ACCELERATOR SCAN SYSTEM UPDATE	SOMESSARI, Samir Luiz
6:04 PM	[248] Upgrades to the Photoinjector and ICS Interaction Point Chamber of CXLS	BROWN, Taryn
6:05 PM	[249] Microplastic Release from E-Beam Sterilized Polymeric Materials Used in Contact with Aqueous Fluids	Mr RAICHA, Anand