

DAY2: TUESDAY, 15th October 2024

Morning Session

09:00-12:20		SESSION 5: Chairman:
P11	09:00-09:40	Keynote 5: Prospects of Nuclear Engineering Post 2030 Dr Muhammad Arif Bin Sazali Universiti Teknologi Malaysia
P12	09:40-10:20	Keynote 6: Teleconference: ANS Certification and Certificate Course Program (TBC) Dr Daniel Goldberg American Nuclear Society (ANS)
10:20-10:50		Tea Break Poster, Exhibition & Business Networking Session
		SESSION 6: Environmental and Safety Chairman:
P13	10:50-11:10	Depth Dose measurement by Using Al₂O₃ OSL Dosimeters in the Presence of Air Cavity and Density Inhomogeneity in High Energy Electrons <u>Mohd Fahmi Mohd Yusof</u> , Farahamiza Othman, Nur Syazwany Malek, Arifah Nazirah Abdullah, Ahmad Bazlie Abdul Kadir, Norriza Mohd Isa
P14	11:10-11:30	The variation of Kota Belud indigenous rice based on organic elemental and stable isotope properties <u>Nazaratul Ashifa Abdullah Salim</u> , Siti Aminah Omar & Mohd Nor Hidayat Adenan
P15	11:30-11:50	Dispersive Properties of Residual Soils Based on Parent Rocks Control <u>Azlan Shah Bin Nerwan Shah @ Nintin</u>
P16	11:50-12:10	Case Study: Utilizing PHITS for Radiation Dose Prediction in a Teletherapy Bunker and Surrounding Areas <u>Noor Farhana Husna binti A Aziz</u>
P17	12:10;12:30	Statistical Analysis of Disused Sealed Radioactive Sources (DSRS) From Radioactive Waste Inventory in Malaysia <u>Ahmad Hasnulhadi Che Kamaruddin</u> , Nurul Izzah Muhammad Zamri
P18	12:30-12:50	Building a Geospatial Database Framework for Nuclear and Radioactive Technology in Malaysia <u>Nazran Harun</u> , Azmi Ibrahim, Rafizi Salihuddin, Mohd Zaidi Ibrahim, Muhammad Fathi Sujjan, Nurul Syazwani Yahaya, Ahmad Hasnulhadi Che Kamaruddin dan Mohd Zahiruddin Jaafar
12:50-14:15		Tea Break Poster, Exhibition & Business Networking Session

DAY 2: TUESDAY, 15th October 2024*Afternoon Session*

14:15 16:40		SESSION 7: Environmental and Safety Chairman: Dr Abdul Aziz Mohamed, MNS
P19	14:15- 14:35	Performance Qualification Dose Mapping of Glove Sterilisation Using Electron Beam Irradiation <u>Ruzalina Baharin</u> , Hasan Sham, Shalina Sheik Muhamad, Siti Zulaiha Hairaldin, Harzawardi Hasim, Ahmad Zainuri Mohd Dzomir and Ros Anita Mohd Ramli
P21	14:35- 14:55	Assessments of Natural Radionuclides Concentration and Radiological Hazard Indices in Universiti Teknologi Malaysia (UTM), Skudai, Johor <u>Muhammad Arif Bin Sazali</u>
P22	14:55 - 15:15	Reduction of the Added Reflected Dose Component at the Patient Location within a Brachytherapy Room for an Ir-192 Gamma Source: A Monte Carlo Study <u>A. H. Aminordin Sabri</u> , S. Mohamad Tajudin, M. Z. Abdul Aziz, M. K. A. Abdul Razab, A. Ripin, H. Salleh, T. Furuta, H. Iwase, T. Sanami
	15:15- 15:35	Tomography Desktop Scanner Using Visible Light for Experimental Learning and in Educational Setting <u>Khairiah Yazid</u> , Mohd Zaid Abdullah, Haidi Ibrahim, Hasif Mohammad, Azraf Azman
P23	15:35 16:15	Keynote 7 TC Project: IAEA Support and Mechanism Marina Mishar IAEA
P24	16:15 16:55	Keynote 8: Teleconference IAEA NUTEC Microplastic in Environmental Control Carlos Alonso Hernandez IAEA
16:50		Tea Break & Adjourn