

DAY 3: WEDNESDAY, 16th October 2024

Morning Session

08:30		Registration Breakfast
		SESSION 9: Chairman: Dr. Azrudi Mustapha, CENERGY
P24	9.00 9.40	Keynote 9: Trends of Energy Needs in Malaysia Dr. Azlina Mohd Jais Energy Commission
P25	9.40 10.20	Keynote 10: Nuclear Power: Where do we go from here? Dr. Mohd Syukri Yahaya Institute of Nuclear Energy, UNITEN
10:20-10:40		Poster Session Coffee Break Business Networking
		SESSION 10: Energy and Infrastructure (EI) Chairman: Dr. Mohd Syukri Yahya, INE UNITEN
P26	10:40- 11:20	Keynote 11: SMR vs. Gen III Reactors Dr. Azrudi Mustapha CENERGY
P27	11:20- 11:40	Analysis of Cycle Length for High-Fissile-Density Fuel in Selected SMR and MMR <u>Mohamad Hairie Rabir</u> , Julia Abdul Karim
P28	11:40- 12:00	Comparison of the potential risk associated with various SMR designs Fatin Hanani Razali and <u>Norsyahidah Mohd Hidzir</u>
P29	12:00- 12:20	Influencing Factors for Spent Nuclear Fuel from Research Reactor on Radioactive Waste Management Plan Nurul Muyassarah Ibrahim, <u>Syazwani Mohd Fadzil</u> , Nurul Syakirah Zainal, Rohyiza Ba'an, Muhammad Khairul Ariff Mustafa
P30	12:20- 12:40-	Natural Radioactivity Level in Coal Ashes and Radiological Risks of Topsoil around a Coal-fired Thermal Power Plant in Malaysia <u>Eli Syafiqah Aziman</u> , Mohd Syukri Yahya, Shamsul Amri Sulaiman, Mohd Idzat Idris, Rogemah Ramli, Muhammad Asyraf Ridzuan and Kamalia Rasyidah Sufyan
P31	12:40- 13:00	Self-Attenuation Correction in Environmental Bulk Samples: A Study on Enhancing Gamma-Ray Activity Measurement Using HPGe Detector with Soil Samples in Varied <u>Al-Horr Sahar Saleh</u> , Khoo Kok Siong
13.00-14:15		Poster Session Lunch Business Networking

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Afternoon Session

	<p>SESSION 11: Chairman: Anwar Abdul Rahman, Nuklear Malaysia</p>
<p>P32 14:15-14:55</p>	<p>Keynote 12: Nuclear Science for SDG Ts. ChM. Dr Norsyahidah Mohd Hidzir Universiti Kebangsaan Malaysia</p>
<p>15:55- 16:15</p>	<p>SPECIAL SESSION: NUCLEAR YOUTH COMPETITION (NYC 2024)</p> <p>Topic 1: Sustainable Development Goal (SDG) Topic 2: Nuclear Security and Its Challenges Topic 3: Nuclear Safety and Radiation Protection Topic 4: Tackling Climate Change with Nuclear Power Topic 5: Application of Non-Destructive Test (NDT) Topic 6: Medical Application and Forth Industrial Revolution</p> <p>Presentation by Nuclear Youth Lecture Competition (<i>Subject to changes</i>)</p>
<p>16:15- 16:30</p>	<p>PRIZE GIVING AND CLOSING CEREMONY</p> <p>Prize giving: Nuclear Youth 2024 Awards INuSTEC2024 Poster Awards</p> <p>Announcement for iNuSTEC2025 Final remark / Closing remark</p>
<p>16.30 – 17:00</p>	<p>Coffee Break End of conference</p>