

DAY 3: Wednesday, 16th October 2024
Morning Session

09:00 10:20		SESSION 9: Chairman:
P25	9.00 9.40	Keynote 9: Trends of Energy Needs in Malaysia Dr. Azlina Mohd Jais Energy Commission
P26	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	Tea Break, Poster, Exhibition & Business Networking Session	

10:40-13:00		SESSION 10: Energy and Infrastructure (EI)
P27	10:40-11:20	Keynote 11: SMR vs. Gen III Reactors Dr Azrudi Mustapha CENERGY
P28	11:20-11:40	Analysis of Cycle Length for High-Fissile-Density Fuel in Selected SMR and MMR Mohamad Hairie Rabir , Julia Abdul Karim
P29	11:40-12:00	Comparison of the potential risk associated with various SMR designs Fatin Hanani Razali and Norsyahidah Mohd Hidzir
P30	12:00-12:20	Influencing factors for spent nuclear fuel from research reactor on radioactive waste management plan Nurul Muyassarah Ibrahim, Syazwani Mohd Fadzil , Nurul Syakirah Zainal, Rohyza Ba'an, Muhammad Khairul Ariff Mustafa
P31	12:20- 12:40-	Natural Radioactivity Level in Coal Ashes and Radiological Risks of Topsoil around a Coal-fired Thermal Power Plant in Malaysia Eli Syafiqah Aziman , Mohd Syukri Yahya, Shamsul Amri Sulaiman, Mohd Idzat Idris, Rogemah Ramli, Muhammad Asyraf Ridzuan & Kamalia Rasyidah Sufyan
P32	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 Al-Horr Sahar Saleh , Khoo Kok Siong
13.00 14:15	Lunch, Poster, Exhibition & Business Networking Session	

DAY 3: THURSDAY, 16th October 2024

Afternoon Session

14:15-14:50	SESSION 11: Chairman:
P33 14:15-14:55	Chairman: Keynote 12: Nuclear Science for SDG (TBC) Ts. ChM. Dr Norsyahidah Binti Mohd Hidzir Universiti Kebangsaan Malaysia
P33 14:55-15:15	Net Zero Emissions 2050: Nuclear power is a valid and sensible option for reliable and sustainable electricity generation. <u>Alif Imran Mohd Shuhaimi</u>, Mohd Syukri Yahya and Shamsul Amri Sulaiman
15:15-16:15	SPECIAL SESSION: NUCLEAR YOUTH COMPETITION (NYC 2024) Group 1: Sustainable Development Goal (SDG) Group 2: Nuclear Security and Its Challenges Group 3: Nuclear Safety and Radiation Protection Group 4: Tackling Climate Change with Nuclear Power Group 5: Application of Non-Destructive Test (NDT) Group 6: Medical Application and Forth Industrial Revolution Group 7: AI?? Presentation by Nuclear Youth Lecture Competition (Subject to changes)
16:15-16:30	PRIZE GIVING AND CLOSING CEREMONY Prize giving: Nuclear Youth Competition 2024 Best Oral Presenter Best Group & Green Challenge Trophy Kahoot challeng4 Announcement for iNuSTEC2025 Final remark / Closing remark
16.30 -17:00	Tea Break and Adjourns