

**PROGRAM TENTATIVE
SEMINAR ON MINERAL PROCESSING AND RARE EARTH
ELEMENT EXTRACTION
(SMPREE 2025)**

Day 1: 25 June 2025 (Wednesday) ROOM JASMINE 3, BANGI AVENUE CONVENTION CENTER (BACC)	
Time	Program
8.30 am – 9.00 am	Registration
Opening ceremony	
8.50 am – 9.00 am	Arrival of Deputy Director General (<i>R&D Programme</i>) of Malaysian Nuclear Agency, YBrs. Dr Muhammad Rawi Mohamed Zain
9.00 am – 9.30 am	Prayer recitation
	Welcoming speech by YBrs. Dr Muhammad Rawi Mohamed Zain
	Officiation speech by YBrs. Assoc Prof Dr Norazharudin Shah Abdullah , XApp-MNS Chairman
9.30 am – 9.45 am	Photo session
9.45 am - 10.30 am	Break / exhibition booth tour / poster session
Session 1 Session chair: YBrs. Assoc Prof Dr Norazharudin Shah Abdullah XApp-MNS Chairman	
10.30 am - 11.30 am	Keynote 1 – Dr Meor Yusoff Meor Sulaiman <i>Managing Director, Tekno Valensi Enterprise</i> R&D scenario for rare earth element in Malaysia – current and future perspective
11.30 am – 12.15 pm	Invited lecture 1 - Dr Rahman Yaccup <i>Director, Waste Technology and Environment Division, Nuklear Malaysia</i> Rare earth deposits in Malaysia – Sources and exploration strategies
12.15 pm – 1.00 pm	Invited lecture 2 – Dr. Low Hau Ran <i>Regional Applications Manager and Applications Scientist (APAC), Bruker</i>

1.00 pm - 2.15 pm	Token of appreciation / Lunch break/ Prayer
2.15 pm – 2.30 pm	Exhibition booth tour / Poster session / Lucky Draw
<p style="text-align: center;">Session 2</p> <p>Session chair: YBrS. Prof Dr Hassan Zuhudi Abdullah XApp-MNS Committee</p>	
2.30 pm – 3.30 pm	<p>Keynote 2 - Ts. Dr. Ruslinda Abd Rahim <i>Senior Principal Scientist, Lynas Rare Earth Ltd</i> Rare earth element processing and characterization as potential advanced materials for various applications in Malaysia industry</p>
3.30 pm – 4.15 pm	<p>Invited lecture 3 - Mr. Loy Hao Chih RGS</p>
4.15 pm – 5.00 pm	<p>Invited lecture 4 – Mr. Jitendra Kumar <i>SE Asia- Regional Manager, Malvern, Panalytical</i></p>
5.00 pm – 5.30 pm	Token of appreciation / Tea / Exhibition booth tour

<p style="text-align: center;">26 June 2025 (Thursday) BILIK SEMINAR, BLOCK 11, NUKLEAR MALAYSIA</p>	
Time	Program
8.30 am – 9.00 am	Registration
<p style="text-align: center;">Session 3</p> <p>Session chair: YBrS. Ts. Dr. Ahmad Zahirani Ahmad Azhar SMPREE2025 Chairman</p>	
9.00 am – 9.45 am	<p>Invited lecture 5 – Assoc. Prof. Dr Noor Fazliani Shoparwie <i>Director,</i> <i>Gold, Rare Earth & Material Technopreneurship Centre (GREAT), UMK Jeli Campus.</i> Rare earth mining and processing – scenario and challenges in Malaysia</p>
9.45 am – 10.30 am	<p>Invited lecture 6 - Ts. Chm. Dr Dzul Hakim bin Wirzal <i>Senior Lecturer, Chemical Engineering Department,</i> <i>Universiti Teknologi PETRONAS (UTP).</i></p>

	Green solvent and overview upstream and midstream process on REE separation
10.30 am – 11.00 am	Break
11.00 am - 11.45 am	Invited lecture 7 - Ts. Muhammad Afiq Affandi Abdul Aziz <i>Researcher, Pusat Penyelidikan Mineral, Jabatan Mineral dan Geosains Malaysia.</i> Extraction, recovery and characterization of rare earth element
11.45 am – 12.00 pm	Lucky draw
Closing ceremony	
12.00 pm – 12.10 pm	Closing speech by Ts. Dr Ahmad Zahirani Ahmad Azhar, SMPREE2025 Chairman
12.10 pm – 12.30 pm	Token of appreciation / Prize presentation for best poster competition
12.30 pm – 2.00 pm	Lunch break / prayer
Session 4 X-Ray Laboratory Visit BLOCK 34, NUKLEAR MALAYSIA	
2.00 pm – 5.00 pm	Laboratory Tour XRD, EDXRF, WDXRF, FESEM
5.00 pm	Break, End of seminar