

	Christina Undau, Ommi Kalsom Mardziah Yahaya* and Ahmad Fairuz Omar ^a School of Physics, Universiti Sains Malaysia, 11800 Penang, Malaysia
1550 - 1610	<u>04OP.08 / 04A200 PE986A30208</u> Determination of Heavy Metals From Industrial Wastes Around Katsina Metropolis Using X-Ray Fluorescence Ahmed Rufai Usman ^{1, 2,*} , Usman Abdurrahman ² , Mayeen Uddin Khandaker ¹ and Nuraddeen Abubakar ³ ¹ University of Malaya, Kuala Lumpur, Malaysia. ² Umaru Musa Yaradua University, Katsina Nigeria ³ Center for Energy Research and Training, Ahmadu Bello University, Zaria Nigeria
1610 - 1630	<u>04OP.09 / 04A201 PE8DC4D0209</u> Investigation of Therapeutic Potentials of Some Selected Medicinal Plants Using Neutron Activation Analysis Sani Abubakar ¹ , Nasiru Fage Isa ¹ , Ahmed Rufa'i Usman ^{2, 3,*} , Mayeen Uddin Khandaker ² and Nuraddeen Abubakar ⁴ ¹ Bayero University, Kano Nigeria ² University of Malaya, Kuala Lumpur, Malaysia. ³ Umaru Musa Yaradua University, Katsina Nigeria ⁴ Center for Energy Research and Training, Ahmadu Bello University, Zaria Nigeria

CAYMAN 3 / Topic: Astronomy and Astrophysics / Chair by Prof. Dr. Sithi V. Muniandy

1430 – 1450	<u>02OP.06 / 02A180 PE9B6190188</u> Entropy of Bose-Einstein Condensate Star Ahmad Firdaus Khaidir*, Hasan Abu Kassim and Norhasliza Yusof ¹ Theoretical Physics Lab., Department of Physics, Faculty of Science Building, University of Malaya, 50603 Kuala Lumpur, MALAYSIA
1450 – 1510	<u>02OP.07 / 02A195 PE4F6E50203</u> Spectral Line Asymmetry of Arcturus M. M. Razelan ^{1*} , N. M. M. Said ¹ , H. Y. Chong ¹ , A. H. A. A ¹ , M. Z. Zainuddin ² ¹ School of Physics, University of Science Malaysia, 11800 Penang, Malaysia ² Departments of Physics, Faculty of Science, University of Malaya, 50603 Kuala Lumpur, Malaysia
1510 – 1530	<u>02OP.08 / 02A197 PE979330205</u> Correlation between Microturbulence and Nonradial Pulsations in Iota Herculis N. M. M. Said ^{1*} , M. M. Razelan ¹ , H. Y. Chong ¹ , A. H. A. A ¹ , M. Z. Zainuddin ² ¹ School of Physics, University of Science Malaysia, 11800 Penang, Malaysia ² Departments of Physics, Faculty of Science, University of Malaya, 50603 Kuala Lumpur, Malaysia
1530 - 1550	<u>02OP.09 / 02A216 PEFBDC30224</u> The Effect of Position and Distance by Road Network Interference (Ignition System) Roslan Umar ^{1,2*} , Zainol Abidin Ibrahim ³ , Zamri Zainal Abidin ³ and S. N. Hazmin ⁴ ¹ Astronomy Unit, Faculty of Islamic Contemporary Study, Universiti Sultan Zainal Abidin Kuala Terengganu. ² East Coast Environmental Institute (ESERI), Universiti Sultan Zainal Abidin Kuala Terengganu ³ Department of Physics, Faculty of Science, University of Malaya ⁴ School of Fundamental Science, Universiti Malaysia Terengganu

CAYMAN 4 / Topic: Nuclear and Radiation Physics ; High Energy Physics / Chaired by Dr Lau Sing Liong

1430 – 1450	<u>11OP.09 / 11A207 PE7BE610215</u> Thermoluminescence Dating of an Ancient Brick Structure at Pengkalan Bujang Site in Bujang Valley Siti Norbaini Sabtu ^{1*} , Rosli Hj Mahat ¹ , Yusoff Mohd Amin ¹ and David M Price ² ¹ Department of Physics, University of Malaya, 50603 Kuala Lumpur, Malaysia ² School of Earth & Environmental Sciences, University of Wollongong NSW 2522 Australia
1450 – 1510	<u>11OP.10 / 11A210 PED978E0218</u> Assessment of Radon Concentration in Water using RAD7 and Rad H20 Accessories M. S. Jaafar ¹ , N. A. Rabaiee ¹ , M. F. Malik ²