

Concurrent session 7: Scattering, Particle, Nuclear and Plasma Physics

Friday, July 27, 2018

14:00 – 18:00	Concurrent session 7: Scattering, Particle, Nuclear and Plasma Physics
Venue:	Anthony Lau Building (E4), E4-3056
Chairpersons:	1. Hui Liu 2. Jenny Hiu Ching Lee 3. Wei Wang
14:00 – 14:50	Keynote presentation
14:00 – 14:25	Nuclear Structure and Correlations: From Stable to Unstable Nuclei Jenny Hiu Ching Lee, The University of Hong Kong. MC: Hui Liu
14:25 – 14:50	Higher order corrections to the Chiral Magnetic Effect Hui Liu, Jinan University. MC: Jenny Hiu Ching Lee
14:50 – 15:35	Invited presentations
14:50 – 15:05	Physics study with accelerator neutrino oscillation and scattering Jian Tang, Sun Yat-Sen University. MC: Jenny Hiu Ching Lee
15:05 – 15:20	Hadronic weak decay of the lightest charmed baryon Fanrong Xu, Jinan University. MC: Jenny Hiu Ching Lee
15:20 – 15:35	Beta-decay studies of extremely proton-rich nuclei from Mg to S Xinxing Xu, The University of Hong Kong. MC: Jenny Hiu Ching Lee
15:35 – 16:05	Contributed presentations
15:35 – 15:45	Shape coexistence in neutron-rich $^{69,71,73}\text{Co}$ nuclei Taras Lokotko, The University of Hong Kong. MC: Hui Liu
15:45 – 15:55	Cluster structure of neutron-rich Beryllium isotopes Pengjie Li, The University of Hong Kong. MC: Hui Liu
15:55 – 16:05	Beta decay of ^{26}P Pengfei Liang, The University of Hong Kong. MC: Hui Liu
16:05 – 16:30	Tea/coffee break, poster, discussion
16:30 – 16:55	Keynote presentation
	The High-Energy Physics Experiments in the Greater Bay Area Wei Wang, Sun Yat-Sen University. MC: Hui Liu
16:55 – 17:40	Invited presentations
16:55 – 17:10	Cosmic Inflation as a Particle Collider Yi Wang, Hong Kong University of Science and Technology. MC: Wei Wang
17:10 – 17:25	The potentials of reactor neutrino experiments Steven (Chan-Fai) Wong, Sun Yat-Sen University. MC: Wei Wang
17:25 – 17:40	Anomaly-free chiral fermions, neutrino masses, and Dark Matter Chi-Fong Wong, Macau University of Science and Technology. MC: Wei Wang
17:40 – 18:00	Contributed presentations
17:40 – 17:50	β-delayed neutron emission of extremely neutron-rich nuclei relevant to A=130 r-process abundance peak Jiajian Liu, The University of Hong Kong. MC: Wei Wang
17:50 – 18:00	Leptoquark induced flavor changing decays of Z boson and top quark Mingxian Wang, Jinan University. MC: Wei Wang
After 18:05	Banquet Dinner (Hotel: Galaxy Macau, Bus pick-up point & time: E4 G/F Lobby @ 18:05 pm)