

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

Friday, July 27, 2018

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