

The 8th International Workshop on DRHBc Mass Table

March 15 (Saturday)

CPD-3.04, Run Run Shaw Tower, The University of Hong Kong

Time	Speaker	Title	Chair
09:00-09:15	Shuang Zhang (Phys dept. head) Jie Meng Chang-Hwan Lee	Opening Session	Shan-Gui Zhou
09:15-09:35	Jenny Lee	Nuclear physics in HKU	Baohua Sun
09:40-10:05	Peng Guo	Update of the status on the DRHBc mass table	
10:10-10:40	Coffee Break (Group Photo)		
10:40-11:05	Youngman Kim	Deformation effects on a double-folding optical potential	Yingxun Zhang
11:10-11:35	Jiangming Yao	Multi-reference covariant density functional theory for nuclear Schiff moments	
11:40-11:55	Heesung Kwon	α -decay of Pb isotopes by WKB approximation using the Q values from DRHBc mass table	
12:00-14:00	Lunch		
14:00-14:25	Chang-Hwan Lee	α -decay half-lives and symmetry energy	Haozhao Liang
14:30-14:55	Futoshi Minato	Particles in continuum studied within second random phase approximation	
15:00-15:25	Eun Ja Ha	Gamow-Teller strength distributions for ^{18}O and strongly deformed nuclei $^{24,26}\text{Mg}$ by deformed QRPA	
15:30-15:45	Zhengzheng Li	Charge-exchange excitations from finite amplitude method based on DRHBc theory	
15:50-16:05	Xiaofei Jiang	Towards γ -ray strength function from finite amplitude method based on DRHBc theory	
16:10-16:40	Coffee Break		
16:40-17:05	Myung-Ki Cheoun	Evolution of the pairing energy and mean field energy along the deformation	Xinhui Wu
17:10-17:35	Jinniu Hu	The equation of state of outer crust from the nuclear mass table	
17:40-17:55	Yi Li	Benchmarking nuclear matrix elements of $0\nu\beta\beta$ decay with high-energy nuclear collisions	
18:00-18:25	Ying Zhang	Remarkable deformation effect on the Ho and Tm isotopes	
18:30-	Banquet		

March 16 (Sunday)

IAS Lecture Theater, The Hong Kong University of Science and Technology

Time	Speaker	Title	Chair
09:00-09:15	Sibo Wang	Proton radioactivity from 2D optical potential within the RBHF+DRHBc approach	Lang Liu
09:20-09:35	Chang Zhou	On rotational correction in DRHBc theory	
09:40-09:55	Panagiota Papakonstantinou	G1: Progress Report $9 \leq Z \leq 20$	
10:00-10:15	Yi-Ming Jiang	G2: Progress Report $21 \leq Z \leq 30$	
10:20-10:50	Coffee Break		
10:50-11:05	Zeyuan Dong	G3: Progress Report $31 \leq Z \leq 40$	Qibo Chen
11:10-11:25	Yixin Guo	G4: Progress Report $41 \leq Z \leq 50$	
11:30-11:45	Cong Pan	G5: Progress Report $51 \leq Z \leq 60$	
11:50-12:05	Yong-Beom Choi	G7: Progress Report $71 \leq Z \leq 80$	
12:10-14:00	Lunch		
14:00-14:15	Myeong-Hwan Mun	G8: Calculation of α decay half-lives for Tl, Bi and At isotopes	Xiaoying Qu
14:20-14:35	Wei Zhang	G9: Progress Report $91 \leq Z \leq 100$	
14:40-14:55	Chen Wang	G10: Progress Report $101 \leq Z \leq 110$	
15:00-15:15	Zhen-Hua Zhang Yuanyuan Wang	G12: Progress Report $121 \leq Z \leq 123$	
15:20-15:50	Coffee Break		
15:50-16:05	Lang Liu	G13: Progress Report $124 \leq Z \leq 126$	Xiaotao He
16:10-16:25	Xiao Lu	G14: Progress Report $127 \leq Z \leq 128$	
16:30-16:45	Jian Li	G15: Progress Report $129 \leq Z \leq 131$	
16:50-17:05	Yanan Huang	G16: Progress Report $132 \leq Z \leq 136$	
17:10-18:00	Free Discussion		