

CSRC - HKUST Joint Workshop

March 30- March 31, 2018

Beijing Computational Science Research Center

Program

March 30 (Friday), A303 Meeting Room, 3rd floor, CSRC Building	
9:00-9:05	Haiqing Lin (林海青), CSRC <i>Opening Introduction</i>
9:10-9:40	Jiguang Wang (王吉光), HKUST <i>癌症的数学模型与在精准医疗中的应用</i>
9:40-10:10	Leihan Tang (汤雷翰), CSRC <i>A Nonequilibrium Thermodynamic View of Dynamical Quorum Sensing</i>
10:10-10:40	Stefano Chesi, CSRC <i>Quantum coherence of spins and light with solid-state devices</i>
10:40-11:00 Tea Break	
11:00-11:30	Wen Yang (杨文), CSRC <i>Spin coherence, decoherence and applications in quantum sensing</i>
11:30-12:00	Junwei Liu (刘军伟), HKUST <i>Numerical simulation for real materials and theoretical models</i>
12:00-12:30	Ling Wang (汪玲), CSRC <i>Level spectroscopy in matrix product state language</i>
12:30-13:00	Rubem Mondaini, CSRC <i>Strongly Correlated Systems: Equilibrium and out-of-equilibrium</i>
13:00-14:30 Lunch	
14:30-15:00	Xiaoping Wang (王筱平), HKUST <i>Numerical methods for moving interface problem</i>
15:00-15:30	Qi Wang (王奇), CSRC <i>Development of nonequilibrium thermodynamical theories, numerics and applications</i>
15:30-16:00	Kun Xu (徐昆), HKUST <i>Recent progress on multiscale modeling and computations</i>
16:00-16:30 Tea Break	
16:30-17:00	Yang Ding (丁阳), CSRC <i>Torque and power distributions of undulatory swimming at low and high Reynolds numbers</i>
17:00-17:30	Xiangrong Wang (王向荣), HKUST <i>Instability of Walker Propagating Domain-Wall Mode in Magnetic Nanowires</i>
18:30 Dinner	