

Symposium on quantum information

July 14th (Mon.) – 24th (Thu.), Main Research Building 3F, Room 315

| Date | 11:00 A.M. | 2:00 P.M. |
|-------------------------------|--|---|
| July 14 th Mon. | Dr. Jieqiao Liao JSPS/RIKEN <i>Title: Spectrometric reconstruction of mechanical-motional states in optomechanics</i> | Prof. Adam Miranowicz Adam Mickiewicz University & RIKEN <i>Title: Photon blockade via quantum reservoir engineering</i> |
| July 15 th Tue. | Prof. Jing Zhang Tsinghua University & RIKEN <i>Title: Quantum spread spectrum communication and code-division multiple access</i> | Prof. Yueh-Nan Chen National Cheng Kung University & RIKEN <i>Title: Temporal steering inequality</i> |
| July 16 th Wed. | Dr. Xinyou Lu RIKEN <i>Title: Steady-state mechanical squeezing in an optomechanical system via Duffing nonlinearity</i> | |
| July 17 th Thu. | Prof. Guang-Yin Chen National Chung Hsing University & RIKEN <i>Title: The correlation between Fano resonance and quantum entanglement</i> | |
| July 18 th Fri. | Dr. Peng Zhang RIKEN <i>Title: Spin-orbit qubit on a multiferroic insulator in a superconducting resonator</i> | Prof. Hui Jing HeNan Normal University & RIKEN <i>Title: Slow-light propagation through PT-symmetric compound resonators</i> |
| July 22 nd Tue. | Prof. Haitao Quan Peking University & RIKEN <i>Title: Interference of Identical Particles and Its Influence on Quantum Work Distribution in Non-equilibrium Processes</i> | |
| July 23 rd Wed. | Dr. Neill Lambert RIKEN <i>Title: Bistability and large deviations in Hybrid QED</i> | |
| July 24 th Thu. | | Dr. Sophia Lloyd JSPS/RIKEN <i>Title: Electron vortex beam interactions</i> |

Host: Dr. Franco Nori. For enquiries, please contact at ais@riken.jp (Sato, ex. 3322)