

超冷原子气体和量子调控研讨会 Ultracold Atomic Gases and Quantum Control

时间：2017年11月24日（周五）

地点：乐乎新楼二楼一层上善厅

国际组织者：Thomas Busch（日本冲绳科学技术研究所）

本地组织者：张永平、陈玺

会议议程：

8:30-8:35	Thomas Busch	Welcome Speech
8:35-8:45	Xi Chen	Introduction
8:45-9:00	All Participants	Photo Taking

Chair: Thomas Busch	
9:00-9:45	Kenich Kasamatsu, Kindai University Splitting instability of a doubly quantized vortex in homogeneous superfluids
9:45-10:30	Mikio Nakahara, Shanghai University Quantum knots in F=1 BEC created by counterdiabatic control
10:30-10:45	Coffee Break
10:45-11:30	Tim Bynes, New York University Shanghai Title

11:30-13:00 Lunch

Chair: Rashi Sachdeva	
13:00-13:45	Ippei Danshita, Kyoto University Engineering dissipation in strongly correlated ultracold gases
13:45-14:30	Thomas Busch, Okinawa Institute of Science and Technology Quantum dynamics in the presence of interactions
14:30-14:45	Coffee Break
Chair: Mikio Nakahara	

14:45-15:30	Gentaro Watanabe, Zhejiang University Quantum performance of thermal machines over many cycles
15:30-16:15	Shumpei Masuda, Tokyo Medical and Dental University Fast control of Bose-Einstein condensates based on fast-forward scaling protocol
16:15-17:00	Rashi Sachdeva, Okinawa Institute of Science and Technology Artificial gauge fields for Bose-Einstein condensates in various geometries

17:00 Dinner