

2nd Joint Workshop
of NCTU Quantum Physics Group and NTHU Cold Atom Group

Date: Sept. 13, 2013 (Friday)

Place: 620 Conference Room, NTHU Physics

9:00-9:20	Opening	
Session A Chair: 周武清教授		
9:20-9:40	朱仲夏	Valley-dependent resonant transmission through a time-modulated region in graphene
9:40-10:00	簡紋濱	band gap opening in graphene oxides
10:00-10:20	那允中	Verification of the very strong coupling between microcavity photons and quantum well excitons
10:20-10:40	褚志崧	Generation of long single photons
10:40-11:00	Coffee break	
Session B Chair: 王道維教授		
11:00-11:20	周武清	Optical properties of II-VI compound nano-structures
11:20-11:40	周苡嘉	Cs-corrected TEM growth and imaging of nano materials
11:40-12:00	陳柏中	Two-species bosons in optical lattice
12:00-12:20	陳俊任	Toward producing and detecting ultracold heteronuclear KRb molecules
12:20-13:40	Lunch	
Session C Chair: 朱仲夏教授		
13:40-14:00	張文豪	Quantum optics of nanodiamonds
14:00-14:20	王道維	Theory of electromagnetically induced transparency in strongly correlated quantum gases
14:20-14:40	李瑞光	Quantum invisible cloaks for nanoparticles
14:40-15:00	陳易馨	EIT-based quantum memory
15:00-15:20	Coffee break	
Session D Chair: 李瑞光教授		
15:20-15:40	蘇蓉蓉:	Transport of supercurrent in exciton and exciton-polariton
15:40-16:00	Vu Thanh Tra (武卿亞)	Termination Control of the Charge Transfer in YBa ₂ Cu ₃ O _{7-x} /La _{0.67} Ca _{0.33} MnO ₃ heterostructures
16:00-16:20	王立邦	Laser spectroscopy of simple atoms
16:20-16:40	施宙聰	Precision Mid-IR spectroscopy of molecules
16:40-17:00	Closing	