

Center for Quantum Science and Engineering Workshop on Atomic, Molecular, and Optical Science and Frontier Technology

Date : June 27 (Saturday), 2009

Time: 9:00am ~ 5:00pm

Place : RM312 , CCMS and New Physics Building , NTU

Workshop Theme : Recent Advances in AMO Science and Technology

Organizers : Tsin-Fu Jiang (Institute of Physics, NCTU)

Sheng-Der Chao (Institute of Applied Mechanics, NTU)

Time	Title	Speaker
9:00 – 9:10	Opening Remarks	朱時宜
9:10 – 10:00	Plenary Talk: Ultrafast Phenomena and Density Matrix Method	林聖賢
10:00 – 10:30	Slow Light, Storage of Light, and Stationary Light	余怡德
10:30 – 10:50	Break / Photo	
10:50 – 11:20	Development and application of plasma-waveguide based soft x-ray lasers	汪治平
11:20 – 11:50	Controlling the carrier-envelope phase of Raman generated single-cycle pulses	孔慶昌
11:50 – 12:20	B-spline-based complex-rotation method for atomic photoionization dominated by doubly excited resonances	方德貴
12:20 – 13:30	Lunch	
13:30 – 14:00	Developing Intravital Multiphoton Microscopy for Biomedical Research	董成淵
14:00 – 14:30	Quantum turbulence in two-dimensional trapped Bose-Einstein condensates	郭西川
14:30 – 15:00	Cesium atom ground state coherence created by an optical frequency comb laser.	鄭王曜
15:00 – 15:20	Break	
15:20 – 15:50	Many-body physics of ultracold polar molecules	王道維
15:50 – 16:20	von Neumann lattice as a generalized flux lattice in rotating Bose gases with non-local interactions	程思誠
16:20 – 16:50	Light localization in nonlinear and chaotic optical systems	李瑞光
16:50 – 17:00	Closing Remarks	朱時宜

相關資訊請詳見網址：<http://cqse.ntu.edu.tw/cqse/>

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