

The First RIKEN-NCTU Symposium on Physical and Chemical Science

Date: April 26 – 27, 2013

Place: Room SC001, Science Building III, NCTU

Time	April 26 (Friday)	April 27 (Saturday)
09:00 – 09:30	Registration	
09:30 – 10:00	Opening President Yan-Hwa Wu Prof. Kohei Tamao Vice President Chain-Shu Hsu Prof. Kimitoshi Kono	J. S. Tsai (RIKEN): Coherent Quantum Phase Slip
10:00 – 10:30	Y. P. Lee (NCTU): Introduction to Center for Interdisciplinary Science (CIS)	W. H. Chang (NCTU): Quantum Photonics of Semiconductor Nanostructures
10:30 – 11:00	Coffee/tea break	Coffee/tea break
11:00 – 11:30	K. Tamao (RIKEN): Elemento-Organic Chemistry Enhanced by a New Series of Bulky “Rind” Groups	T. Tahara (RIKEN): Seeing the unseen with ultrashort optical pulses
11:30 – 12:00	S. Tarucha (RIKEN): Manipulation of quantum coherence and entanglement with quantum dots	Eric Diau (NCTU): Novel Functional Materials for Dye-sensitized Solar Cells
12:00 – 12:30	C. S. Chu (NCTU): Electronic states and quantum transport in graphene and 2D topological structures	Y. Tokura (RIKEN): Science of magnetic skyrmions (30 minutes)
12:30 – 14:00	Lunch break	(12:30 – 12:50) Y. Tokura (RIKEN): Introduction to Center for Emergent Matter Science (CEMS)
		(12:50 – 13:00) S. Kobayashi (RIKEN): Closing Remarks
		(13:00 – 14:00) Lunch break
14:00 – 14:30	Y. Ito (RIKEN): Glycobiology from the perspective of synthetic chemistry	Laboratory tour
14:30 – 15:00	Tony Mong (NCTU): Modulation Concept for Glycosylation Chemistry and its Application to Synthesis of Natural Glycoside Products	
15:00 – 15:30	Coffee/tea break	
15:30 – 16:00	M. Maeda (RIKEN): DNA-Carrying Nanoparticles for Bioanalysis	
16:00 – 16:30	Y. K. Li (NCTU): Bio-recognition and Bio-sensing from Big to Small	
16:30 – 17:00	K. Takimiya (RIKEN): Molecular and macromolecular approach to organic electronics: new heteroaromatic building blocks for opto/electronic materials	
17:00 – 17:30	C. S. Hsu (NCTU): High efficient polymeric solar cells–Towards next generation renewable energy	

17:30-

賦歸

聯絡人：張瀚云小姐 chinhua@mail.nctu.edu.tw

聯絡電話：03-571-2121#56167