



國立臺灣師範大學物理學系

Department of Physics,  
National Taiwan Normal University

88, Section 4, Ting-Chou Road,  
Taipei 11677, Taiwan  
Tel: +886-2-7734-6010  
Fax : +886-2-2932-6408

## Schedule for Osaka City University and National Taiwan Normal University

### mini-workshop

23<sup>th</sup> September (Friday), 2016

Time	Activity	Speakers/Notes
9:00-9:20 F104	Opening Ceremony	Prof. Hsiang-Lin Liu (NTNU) Prof. Makoto Tsubota (OCU)
9:20-11:00 F104	Oral Presentations I ( 30 mins for presentation and 3 mins for Q&A)	1. <b>Mr. Y. Kimura</b> (OCU): Half-quantum vortex between parallel plates in superfluid $^3\text{He-A}$ 2. <b>Dr. Che-hsiu Hsueh</b> (薛哲修, NTNU): Synthetic gauge fields in ultracold Rydberg-dressed Bose gases 3. <b>Mr. Satoshi Yui</b> (OCU): Logarithmic velocity profile of turbulent channel flow in superfluid $^4\text{He}$
11:00-11:10	Coffee Break	
11:10-12:20 F104	Oral Presentations II ( 30 mins for presentation and 3 mins for Q&A)	1. <b>Mr. Deng-Ruei Tan</b> (譚登瑞, NTNU): Universal scaling of Néel temperature and staggered magnetization density for clean and disordered three-dimensional quantum antiferromagnets 2. <b>Mr. Yu-Yo Chen</b> (陳昱佑, NTNU): Strong impurities freezing nematicity in underdoped $d$ -wave high-temperature superconductors
12:20	Photo Time	
12:30-13:30	Lunch Party	
13:30-14:30	Poster Section (The poster size should not exceed 90 cm × 120 cm (width × height) in PORTRAIT.)	1. <b>Mr. K. Oyama</b> (OCU): Observation of spiral flow and vortex produced by cryogenic motor in superfluid $^4\text{He}$ 2. <b>Mr. Shinichi Ikawa</b> (OCU): Novel dynamics of vortices in coflow quantum turbulence: vortices trapped on an attractor 3. <b>Mr. Shuto Hatanaka</b> (OCU): Probing electron-hole pairs in polymer light emitting diodes using electrically- and electroluminescence-detected magnetic resonance techniques 4. <b>Mr. Po-He Yang</b> (楊博賀, NTNU): Time-reversal symmetry breaking in heavy-fermion superconductor

		<p>UPT<sub>3</sub></p> <p>5. <b><u>Mr. Ryuta Matsumoto</u></b> (OCU): Spectral properties of a Kondo-correlated quantum dot coupled to superconducting leads</p>
14:30-15:40 F104	<p>Oral Presentations III ( 30 mins for presentation and 3 mins for Q&amp;A)</p>	<p>1. <b><u>Mr. Yoshimichi Teratani</u></b> (OCU): Field-enhanced Kondo correlations in a half-filling nanotube dot</p> <p>2. <b><u>Mr. Ming-Kuan Lin</u></b> (林明寬, NTNU): Electron transport through polyene junctions in between carbon nanotubes</p>
15:40-16:00	Coffee Break	
16:00-16:10 F104	Closing Remarks	<p>Prof. Wen-Chin Wu (NTNU)</p> <p>Prof. Shin Inouye (OCU)</p>
16:10-17:10	Lab Tour	<p>1. <b><u>Prof. Wen-Chin Lin</u></b> (C207): 16:10-16:30, Low dimensional magnetism laboratory</p> <p>2. <b><u>Prof. Jyh-Shen Tsay</u></b> (A105): 16:30-16:50, Nano magnetic laboratory</p> <p>3. <b><u>Prof. Hsiang-Lin Liu</u></b> (A100): 16:50-17:10, Micro optical spectroscopic laboratory</p>