



國立臺灣師範大學物理學系

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

### students' mini-workshop

September 5<sup>th</sup> (Monday), 2016

Time	Activity	Speakers/Notes
9:20-9:30 S101	Opening Ceremony	Prof. Hsiang-Lin Liu (NTNU) Prof. Shigeki Yamada (YCU)
9:30-10:45 S101	Student Presentations I ( 12 mins for presentation and 3 mins for Q&A)	<ol style="list-style-type: none"> <li>1. <b>Mr. Hiromichi Gonnokami</b> (權守宏通, B4, YCU): Pressure-induced transformation and light irradiation effect on ferrocene-doped C<sub>60</sub> crystals</li> <li>2. <b>Mr. Kai-Lin Hsu</b> (徐凱霖, M3, NTNU): Hybridization-induced large XMCD of carbon in Pd-Fe-C<sub>60</sub> composite thin films</li> <li>3. <b>Mr. Masaki Ando</b> (安藤真輝, M1, YCU): Dielectric properties of transition metal oxides</li> <li>4. <b>Mr. Hao-Yu Chen</b> (陳浩宇, M2, NTNU): Transparent conductive graphene electrodes for UVC LED</li> </ol>
10:45-11:00	Coffee Break	
11:00-12:15 S101	Student Presentations II ( 12 mins for presentation and 3 mins for Q&A)	<ol style="list-style-type: none"> <li>1. <b>Miss Yuriko Tsumura</b> (津村ゆり子, M1, YCU): Stacking formations of acceptor (TCNQ) and donor (HB-HBC) molecules on Cu(111)</li> <li>2. <b>Mr. Chen-Yuan Hsieh</b> (謝振源, D5, NTNU): Formation of layered structure induced by strain and related magnetic properties for Fe/Ir(111) films</li> <li>3. <b>Mr. Kohei Terasaki</b> (寺崎航平, M1, YCU): Electro spray deposition method of biomolecules on Au(111) for scanning tunneling microscopy investigation</li> <li>4. <b>Mr. Yi-Hung Lu</b> (盧奕宏, M1, NTNU): The study of silicene growth on Ag(111)/Si(111) surface</li> </ol>
12:15-13:30 F104	Lunch Party	
13:30-15:00 F104	Poster Section (The poster size should not exceed 90 cm × 120 cm (width × height) in PORTRAIT.)	<ol style="list-style-type: none"> <li>1. <b>Mr. Yuya Ogata</b> (尾形優也, B4, YCU): Growth of graphene by alcohol CVD with vapor trapping technique</li> <li>2. <b>Mr. Yu-Chen Lin</b> (林育辰, M2, NTNU): Heteroelectrode structure for solar water splitting: integrated cobalt ditelluride across TiO<sub>2</sub>-passivated silicon microwire</li> </ol>

		<p>array</p> <ol style="list-style-type: none"> <li>3. <b>Mr. Takehiro Saeki</b> (佐伯雄大, B4, YCU): Measurements of <math>C_{60}</math> single crystal field effect transistor</li> <li>4. <b>Mr. Siang-Yu Sie</b> (謝祥予, M1, NTNU): Tunable coercive force influenced by interfacial region for ultrathin CoO/Co/Ge(100)</li> <li>5. <b>Miss Saori Yamamoto</b> (山本早織, B4, YCU): Growth of <math>C_{70}</math> nanowhiskers by liquid-liquid interfacial precipitation method</li> <li>6. <b>Mr. Jin-Long Hou</b> (侯勁龍, D6, NTNU): Measurement of work function and instability of field emission current of inert gas absorption on Nb(100)</li> <li>7. <b>Miss Chika Shigemoto</b> (重本知華, B4, YCU): Micro-vickers hardness of hen egg-white Lysozyme crystals</li> <li>8. <b>Mr. Po-Chun Chang</b> (張博鈞, D2, NTNU): Reversible hydrogenation induced spin-reorientation transition in <math>Co_{50}Pd_{50}</math> alloy thin films</li> <li>9. <b>Miss Moeka Taniguchi</b> (谷口萌花, B4, YCU): Characterization of carbon nanowalls by X-ray diffraction</li> <li>10. <b>Mr. Syue-Ru Lyu</b> (呂學儒, M2, NTNU): Exploring 2D materials with microwave spectroscopy</li> <li>11. <b>Miss Naoko Suzuki</b> (鈴木奈央子, B4, YCU): Coverage induced structural evolutions of sexiphenyl molecules on Ag(110)</li> <li>12. <b>Mr. Yu-Bo Lee</b> (李育渤, M4, NTNU): Two-gap superconducting properties in <math>A_x(NH_3)Fe_2Se_2</math> (<math>A = Sr</math> or <math>Ca</math>)</li> <li>13. <b>Mr. Daiki Momiyama</b> (靱山大樹, B4, YCU): A self-assembly of tetrabenzonaphtalene(TBN) on Ag(110)</li> <li>14. <b>Miss YuJu Liao</b> (廖鈺汝, M2, NTNU): Electronic structure and lattice dynamics of <math>SmBaMn_2O_6</math> single crystals</li> </ol>
15:00-16:30 S101	Student Presentations III ( 12 mins for presentation and 3 mins for Q&A)	<ol style="list-style-type: none"> <li>1. <b>Mr. Kirari Ogawa</b> (小川輝, M1, YCU): Study of successive phase transition in a double perovskite <math>NdBaMn_2O_6</math></li> <li>2. <b>Mr. Song-Hsun Huang</b> (黃松勳, D7, NTNU): Se deficiency and the unconventional charge density wave in <math>1T-TiSe_{2-\delta}</math></li> <li>3. <b>Mr. Shusuke Nishida</b> (西田脩祐, M1, YCU): Anisotropic properties of a double-perovskite <math>PrBaMn_2O_6</math> single crystal</li> <li>4. <b>Miss Elica Anne</b> (M2, NTNU): Using coplanar waveguide to detect ferromagnetic resonance and spin pumping effect</li> </ol>
16:30-16:45	Coffee Break	

16:45-17:00 S101	Closing Remarks	Prof. Hsiang-Lin Liu (NTNU) Prof. Shigeki Yamada (YCU)
17:00	Photo Time	