

# Graduate Students Joint Symposium

## South China University of Technology (SCUT) and Chinese University of Hong Kong (CUHK)

April 22, 2016 (Friday)

Venue: Room SC G25, G/F., Charles Kao Building, CUHK



Session I Chair: Prof. DENG Wen-Ji			
09:00-09:13	Opening Remarks	Prof. Dickon NG 吳恆亮 香港中文大學 Prof. DENG Wen-Ji 鄧文基 華南理工大學	Host: Prof. HUI Pak Ming 許伯銘
09:13-09:30	Strong coupling superconductivity in the vicinity of the structural quantum critical point in $(Ca_xSr_{1-x})_3Rh_4Sn_{13}$	CHEUNG Yiu Wing 張耀榮 香港中文大學	PhD Year 2 student (Supervisor: Prof. GOH Swee Kuan)
09:30-09:47	稀土六硼化物一維納米材料的合成及表征	韓偉 華南理工大學	博士生四年級 (導師: 趙彥明教授)
09:47-10:04	Concept of a contact spectrum and its applications in atomic quantum Hall states	HE Mingyuan 賀明元 香港中文大學	PhD Year 2 student (Supervisor: Prof. ZHOU Qi)
10:04-10:21	Shot noise of the conductance through superconducting barrier in graphene	劉汨 華南理工大學	碩士生三年級 (導師: 朱瑞教授)
10:21-10:35	Session Break		
Session II Chair: Prof. HUI Pak Ming			
10:35-10:52	鋰電池負極材料 $Li_2MoO_4$ 納米結構的製備與性能研究	劉旭東 華南理工大學	博士生四年級 (導師: 趙彥明教授)
10:52-11:09	Determination of momentum-resolved coupling rate of Bloch-like surface plasmons to the excitation of quantum dots	LIN Min 林旻 香港中文大學	PhD Year 3 student (Supervisor: Prof. ONG Daniel H. C.)
11:09-11:26	Flat band degeneracy and near-zero refractive index materials in acoustic crystals	吳世巧 華南理工大學	博士生三年級 (導師: 梅軍教授)
11:26-12:00	<b>Free discussions</b>		
12:00-14:00	Lunch Break	All SCUT guests and CUHK student speakers are invited to join the lunch	To be arranged
Session III Chair: Dr. ZHU Rui			
14:00-14:17	Absolute surface energy calculations of Wurtzite (0001)/(000-1): a study of ZnO and GaN	ZHANG Jingzhao 張璟昭 香港中文大學	PhD Year 2 student (Supervisor: Prof. ZHU Junyi)
14:17-14:34	結合第一性原理研究 B 納米團簇的結構穩定性及其電子性質	許少剛 華南理工大學	博士生三年級 (導師: 楊小寶教授)
14:34-14:51	Surfactant antimony enhanced indium incorporation on InGaN (000-1) surface: a DFT study	ZHANG Yiou 張易歐 香港中文大學	MPhil Year 2 student (Supervisor: Prof. ZHU Junyi)
14:51-15:10	Session Break		
Session IV Chair: Prof. QUAN Hongjun			
15:10-15:27	Drop impact on a wet surface	LO Hau Yung 盧孝勇 香港中文大學	PhD Year 3 student (Supervisor: Prof. XU Lei)
15:27-15:41	Model construction and statistical properties of complex networks based on Ammann-Beenker tiling	段雪晴 華南理工大學	碩士生三年級 (導師: 傅秀軍教授)
15:41-15:58	基於彭羅斯拼圖的複雜網絡的統計性質	彭彩霞 華南理工大學	碩士生三年級 (導師: 傅秀軍教授)
16:00-17:00	<b>Lab visits &amp; Closing</b>	Prof. GOH Swee Kuan's Lab (Quantum phase transitions, high pressure techniques)	Prof. XU Lei's Lab (Complex fluids and fluid mechanics)

Note: Each talk is allocated 15 minutes + 2 minutes for Questions & Answers.

**Staff and students are welcome to join the Symposium**