



**Department of Physics**  
**The Chinese University of Hong Kong**  
**Summer Undergraduate Research Exchange**  
**and Overseas Program for Undergraduate Students**  
**Presentations**

**October 07, 2009 (Wednesday) 3:00 – 6:00pm Science Center Rm. 311**

Briefing for SURE and OPUS 2010 3:00 – 3:10 pm

**3:10-3:30pm** Choi Kit Yan, Nyuko 蔡潔恩 “*Optical experiment to test Bose-Einstein Statistics and study AC Stark Effect in atoms*”

**3:30-3:50pm** Law Siu Chung, Brian 羅肇翀 “*Solar Tachocline*”

**3:50-4:10pm** Charles Lieou 劉家昌 “*Study of etch rates of various complex oxides and metal films*”

**4:10-4:30pm** Tang Ho Kin 鄧皓鍵 “*Viewing UV-photoresist using SEM*”

**4:30-4:50pm** Lam Ting Fai 林庭輝 “*Magnetic Field Uniformity of Helmholtz Coils and Cosine  $\theta$  Coils*”

**4:50-5:10pm** Ng Chun Yu, Kenny 吳震宇 “*Spin exchange free magnetometer and zero field NMR*”

**5:10-5:30pm** Wong Tsz Ching, Max 黃子澄 “*Ozone Retrieval Using Polarization Data*”

**5:30-5:50pm** Huang Shao Ying, Clare 黃劭盈 “*Evaluation of the performance of GEANT4 simulation on Xenon-neutron elastic and inelastic scatterings*”

Experience Sharing 5:50 – 6:00pm