

# Joint CQSE and CASTS Seminar

Weekly Seminar  
Dec. 26, 2014 (Friday)

TIME Dec. 26, 14:30 ~ 15:30  
TITLE Superresolution microscopy based on nonlinearities of plasmonic scattering  
SPEAKER Prof. Shi-Wei Chu  
Department of Physics, National Taiwan University  
PLACE Rm716, CCMS & New Physics Building, NTU

## Abstract

Nonlinearities of plasmonic scattering, including saturation and switching, were revealed for the first time. Superresolution imaging of plasmonic structures based on these nonlinearities are demonstrated, holding great potential for biomedical and optoelectronic applications.

