

Special AMO/QO Physics Seminars

"Confocal Raman Microscope and its application in Raman spectroscopy of plant samples"

Mrs. Narangerel Altangerel
IQSE, Texas A&M University

We introduce our new LabRam-HR Revolution Confocal Raman Microscope. We also discuss its application to the plant samples including to record Raman spectra, to suppress some fluorescence, and to take Raman imaging.

"Quantum Coherence in Surface Plasmon Nanolasers"

Dmitri Voronine
IQSE, Texas A&M University

The effects of quantum coherence on the properties of surface plasmon nanolasers are simulated and the generation of short pulses is predicted. Dynamical properties are investigated theoretically and new applications to nanoscale imaging are proposed.

Monday, July 14, 2014
IQSE 578, 3:00 PM
Mitchell Physics Building

Institute for Quantum Science and Engineering
Texas A&M University

(Coffee and Cookies to be served 15 minutes prior start time)

Host: [Dr. Marlan Scully](#)