

Meeting the President of The Optical Society (OSA)

Guest: Dr. Donna T. Strickland
(President of OSA)

Time: 11.12 (Tuesday) 10:30-11:30am

Place: 二教 210 Building No.2 Room 210

Organizers:
Silicon Photonics & Microsystems Lab (SPM)
OSA Student Chapter of EECS
OSA Student Chapter of Physics



Precious opportunity to experience the charisma of the president of OSA face to face! This is also your chance of academic networking, allowing you to keep “in fashion” with counterparts around the globe and increase your academic influence.

Meeting Agenda:

1. Presentation by Dr. Strickland
 - a) Investigation of multi-frequency Raman generated spectra.
Many modern studies and technologies have called for shorter, higher-intensity pulses. Dr. Strickland is studying Multi-frequency Raman generation (MRG), whose bandwidth is sufficient to generate ~ 2 fs pulses. In this talk, Dr. Strickland will give an overview of the MRG process and discuss their experiments to determine the origin of the extra spectral peaks.
 - b) Introduction and status of OSA.
2. Activities reports by OSA Student chapters of PKU.

Guest Biography:

Dr. Donna Strickland co-invented Chirped Pulse Amplification (CPA), making it possible to amplify ultra-short pulses to unprecedented levels. At Waterloo University, her ultrafast laser group develops high-intensity laser systems for nonlinear optics investigations. Dr. Strickland is the 2013 OSA President and she will continue her service on the OSA Board of Directors in 2014 as OSA Immediate Past President.

About The Optical Society (OSA)

Founded in 1916, The Optical Society (OSA) is the leading professional association in optics and photonics, home to accomplished science, engineering, and business leaders from all over the world. OSA offers top-rated journals such as *Optics Letters*, *Photonics Research* etc., holds renowned conferences, and connects researchers worldwide. OSA unites more than 180,000 professionals from 175 countries.

Contact: Silicon Photonics and Microsystems Lab, Prof. Zhiping Zhou, zjzhou@pku.edu.cn