



IEEE Women in Engineering (WIE) Ottawa Chapter
IEEE Photonics Society Ottawa Chapter,
IEEE EMBS Ottawa Chapter,
IEEE Carleton University IEEE Student Chapter, and
Carleton University SPIE Student Chapter

are inviting all interested to:

A Joint WIE/Photonics Workshop

Date: Tuesday, October 07, 2014

Time: 12:00 PM - 1:00 PM Networking Session

1:00 PM – 3:30 PM Technical Session

3:30 PM - 4:00 PM Q/A Session

Place: Room 214, Residence Commons, Carleton University, Ottawa, K1S5B6

Lunch and refreshments will be provided!

Please RSVP by email to yaosun@cmail.carleton.ca by Friday, Oct. 3, 2014.

INVITED SPEAKERS

Prof. Donna Strickland
2013 OSA (Optical Society of America) President
Department of Physics and Astronomy, University of
Waterloo



Bio:

Donna Strickland received her B. Eng. from McMaster University and her PhD from the University of Rochester. Along with her PhD supervisor, Dr. Gerard Mourou, Donna Strickland co-invented Chirped Pulse Amplification. Dr. Strickland was a research associate at the National Research Council of Canada, a physicist at Lawrence Livermore National Laboratory and a member of technical staff at Princeton University. Dr. Strickland joined the physics department of the University of Waterloo in 1997. Dr. Strickland's ultrafast laser group develops high-intensity laser systems for nonlinear optics investigations. She is a recipient of a Sloan Research Fellowship, a Premier's Research Excellence Award, a Cottrell Scholars Award and is a Fellow of the Optical Society of America. She served as the 2013 OSA president.

Dr. Strickland will speak about her career path in one of the last male dominated professions, that of physical sciences and engineering. She will talk about being the first female hired into a research group as undergraduate to having now

met many future female leaders through my time as an OSA officer. She will also speak about the nonlinear optical process of multi-frequency Raman generation to produce the needed bandwidth for high intensity single femtosecond pulses.

Dr. Maria Rey
Former Director General of Defence Research and
Development (DRDC) Ottawa



Bio:

Maria Rey is the former Director General of Defence Research and Development Ottawa, the Canadian Government's premier scientific laboratory in defence related radar, electronic warfare and nuclear and radiological effects. Ms. Rey will talk about her work in Synthetic Aperture Radar, highlighting her key scientific achievements. She will also talk about her progression through DRDC from scientist to Director General, and will highlight how her career path intertwined with her role as a wife and mother of four children.