



# Extreme Photonics & Quantum Photonics Summer school

21-25 May, 2013

## Topics and confirmed speakers

### Foundations of Quantum Photonics

- John Sipe, U. Toronto
- Steve Barnett, U. Strathclyde
- Barry Sanders, U. Calgary

### Laboratory Methods in Quantum Photonics

- Alexander Sergienko, Boston U.
- Miles Padgett, U. Glasgow

### Applications of Quantum Photonics

- Christoph Marquardt, Max Planck – Science of Light
- Sangeeta Murugkar, uOttawa
- Ksenia Dolgaleva, U. Toronto

### Fundamental Studies of Quantum Phenomena

- Gerd Leuchs, Max Planck – Science of Light
- Jeff Lundeen, NRC, Canada
- Maria Chekhova, Max Planck – Science of Light
- Jonathan Leach, Heriot-Watt

### Quantum Plasmonics

- Javier Garcia de Abajo, CSIC
- Peter Nordlander, Rice U.
- Israel De Leon, uOttawa
- Martti Kauranen, Tampere U. of Technology

This event is organised by Robert Boyd, Pierre Berini and Paul Corkum, and is sponsored by the uOttawa CREATE and CERC programs of the Faculty of Engineering and of the Faculty of Science

Please visit our website for registration and accommodations

[www.extremephotonics.uottawa.ca/summerSchool.php](http://www.extremephotonics.uottawa.ca/summerSchool.php)

## Logistics at a glance

### Location

University of Ottawa Campus

### Audience

Graduate Students in Photonics and  
Postdoctoral Fellows

### Registration fee

Full Summer School: \$100  
Single Day: \$25

*Please note that registration is highly  
subsidized to encourage participation*

## Includes 2 Hands-On Workshops

Numerical methods in photonics with  
Mathematica (Laptop recommended)

Lab methods for producing complex wave  
front using SLMs (Laptop recommended)