

## **Session Program**

**12-17 Jun 2016**



**2016 CAP Congress / Congrès de l'ACP 2016**

***W1-9 Nonlinear Optics and High Field Physics  
(DAMOPEC) / Optique non linéaire et physique  
en champs intenses (DPAMPC)***

University of Ottawa  
SITE Building, 800 King Edward Ave, Ottawa, ON

# Wednesday 15 June

08:30

## W1-9 Nonlinear Optics and High Field Physics (DAMOPEC) / Optique non linéaire et physique en champs intenses (DPAMPC)

Session | Location: University of Ottawa, SITE H0104 | Convener: Tsuneyuki Ozaki

08:30-09:00

### Towards efficient second-order nonlinear optical processes in hollow-core photonic crystal fibres

**Speaker**

Prof. Jean-Michel Ménard

09:00-09:15

### Near-field Effects on SHG Imaging

**Speaker**

Jarno Nicolaas van der Kolk

09:15-09:30

### Photon pair generation in fiber microcouplers for quantum information

**Speaker**

Xinru Cheng

09:30-09:45

### Nanoscale enhancement in quantum state preparation

**Speaker**

Christopher DiLoreto

09:45-10:00

### High-dimensional quantum cloning of photons

**Speaker**

Mr Frédéric Bouchard

10:00-10:15

### Plasmonic metasurface to enhance difference frequency generation for THz radiation

**Speaker**

Dr Antonino Calà Lesina

10:15-10:30

### Formation of an all-optical extreme-ultraviolet Fresnel zone plate by perturbative high harmonic wavefront control

**Speaker**

Zhengyan Li

10:30