

Session Program

13-19 Jun 2015



2015 CAP Congress / Congrès de l'ACP 2015

***W1-10 Quantum Optics and Cavity QED
(DAMOPEC) / Optique quantique et ÉDQ en
cavité (DPAMPC)***

University of Alberta
Edmonton, AB

Wednesday 17 June

08:45

W1-10 Quantum Optics and Cavity QED (DAMOPC) / Optique quantique et ÉDQ en cavité (DPAMPC)

Session | Location: University of Alberta, CCIS L2-200 | Convener: Chitra Rangan

08:45–09:15

High-fidelity single-shot Toffoli gate via quantum control

Speaker

Barry Sanders

09:15–09:30

Cavity-induced spin-orbit coupled Bose-Einstein condensation: A new approach for exploring cold atoms

Speaker

Farokh Mivehvar

09:30–09:45

The effect of off-resonant excitation on intensity-intensity correlation spectra in three-level, lambda systems

Speaker

Christopher DiLoreto

09:45–10:15

Entangled photon triplets: a new quantum light source and a test of nonlocality

Speaker

Prof. Kevin Resch

10:15