

Session Program

2-7 Jun 2019



**Canadian Association
of Physicists**

**Association canadienne
des physiciens et physiciennes**

2019 CAP Congress / Congrès de l'ACP 2019

***R2-3 Quantum Optics and Ion traps (DAMOPC)
| Optique quantique et pièges d'ions
(DPAMPC)***

Simon Fraser University

Thursday 6 June

13:15

R2-3 Quantum Optics and Ion traps (DAMOPC) | Optique quantique et pièges d'ions (DPAMPC)

Session | **Location:** Simon Fraser University, BLU 10011 | **Convener:** Nisha Rani Agarwal

13:15-13:45

Topological Structures and Dynamics of Spatially Structured Optical Beams

Speaker

Prof. Ebrahim Karimi

13:45-14:15

Quantum simulation of 2D and 3D spin systems in a linear chain of trapped ions

Speaker

Dr Rajibul Islam

14:15-14:30

Photonic Device for Gas Detection

Speaker

Dr Gautam Das

14:30-14:45

Surface-Plasmon Polaritons at Lossy Curved Interfaces

Speaker

Dr Nafiseh Sang-Nourpour

14:45