

Session Program

Jun 2 - 7, 2019



Canadian Association
of Physicists

Association canadienne
des physiciens et physiciennes

2019 CAP Congress / Congrès de l'ACP 2019

***W1-1 Degenerate Quantum Gases and Cold
Atoms and Molecules (DAMOPEC/DCMMP) |
Gaz quantiques dégénérés, molécules et
atomes froids (DPAMCP/DPMCM)***

Simon Fraser University

Wed, June 5

10:45 AM

W1-1 Degenerate Quantum Gases and Cold Atoms and Molecules (DAMOPC/DCMMP) | Gaz quantiques dégénérés, molécules et atomes froids (DPAMCP/DPMCM)

Session | **Location:** Simon Fraser University, BLU 10011 | **Convener:** Tim Friesen

10:45 - 11:15 AM **New discoveries and observations of universal physics in collisions**

Speaker

Prof. Kirk Madison

11:15 - 11:30 AM **Quantum Diffractive Collision Universality and the Quantum Pascal**

Speaker

Dr James Booth

11:30 - 11:45 AM **Quantum state dependent chemistry of ultra-cold 6Li_2 dimers**

Speaker

Erik Frieling

11:45 AM - 12:00 PM

Time-Dependent Artificial Gauge Fields in Ultracold Quantum Gases

Speaker

Logan Cooke

12:00 - 12:15 PM **Stable longitudinal spin domains in a nondegenerate ultracold gas**

Speaker

Sean Graham

12:15 PM