

Session Program

2-7 Jun 2019



**Canadian Association
of Physicists**

**Association canadienne
des physiciens et physiciennes**

2019 CAP Congress / Congrès de l'ACP 2019

***W2-3 Molecular Motors (DPMB) | Moteurs
moléculaires (DPMB)***

Simon Fraser University

Wednesday 5 June

13:15

W2-3 Molecular Motors (DPMB) | Moteurs moléculaires (DPMB)

Session | **Location:** Simon Fraser University, SSB 7172 | **Convener:** Nancy Forde

13:15–13:30

Operational Principles for the Dynamics of a Rolling Motor

Speaker

Ms Lavisha Jindal

13:30–13:45

Reducing dissipation in far-from-equilibrium biomolecular processes

Speaker

David A. Sivak

13:45–14:00

Molecular machinery: quantifying the energetic cost of controlling nanoscale biological systems

Speaker

Steven Large

14:00–14:15

Design and synthesis of an artificial molecular motor: The Lawnmower

Speaker

Chapin Korosec

14:15–14:45

Optical control of fast and processive engineered myosins in vitro and in living cells

Speaker

Zev Bryant

14:45