

Session Program

10-16 Jun 2018



**Canadian Association
of Physicists**

**Association canadienne
des physiciens et physiciennes**

2018 CAP Congress / Congrès de l'ACP 2018

***R2-4 Theoretical and computational
biophysics (DPMB) | Biophysique théorique et
calculatoire (DPMB)***

Dalhousie University

Thursday 14 June

11:30

R2-4 Theoretical and computational biophysics (DPMB) | Biophysique théorique et calculatoire (DPMB)

Session | **Location:** Dalhousie University, SUB 224 (cap. 50) | **Convener:** Christopher Bergevin

11:30-11:45

Sequence-specific random-phase-approximation theory for polyampholytic intrinsically disordered proteins in liquid-liquid phase separation

Speaker

Dr Yi-Hsuan Lin

11:45-12:00

Ratcheting of spherical particles in simple microfluidic devices: making particles move against the direction of the net force

Speaker

Prof. Gary W. Slater

12:00-12:15

Failure of the Ogston Model: Systems with Anisotropic Obstacles and Inhomogeneous Diffusivity

Speaker

Dr Mehran Bagheri

12:15