

Session Program

Jun 10 - 16, 2018



**Canadian Association
of Physicists**

**Association canadienne
des physiciens et physiciennes**

2018 CAP Congress / Congrès de l'ACP 2018

***M1-6 Biophysics, microscopy and diseases
(DPMB) / Biophysique, microscopie et
maladies (DPMB)***

Dalhousie University

Sun, June 10

11:15 AM

M1-6 Biophysics, microscopy and diseases (DPMB) / Biophysique, microscopie et maladies (DPMB): (DPMB) I (DPMB)

Session | **Location:** Dalhousie University, SUB 303 (cap.100) | **Convener:** Dr. Laurent Kreplak

11:15 - 11:45

Scaling Laws and Global Dimensions of Disordered Proteins: Single-molecule Data and Polymer Physics Theory (I)

Speaker

Prof. Claudiu Gradinaru

11:45 - 12:00

Polarization based imaging of amyloid in the retina gives a biomarker of severity of Alzheimer's disease

Speaker

Melanie Campbell

12:00 - 12:15

Biophysics approaches to study molecular mechanism of Alzheimer's disease.

Speaker

Prof. Zoya Leonenko

12:15 - 12:30

Bayesian Estimation of Photobleaching Steps with Physical Priors

Speaker

Andrew Rutenberg

12:30 PM