

Session Program

Jun 5 - 11, 2022



Canadian Association
of Physicists

Association canadienne
des physiciens et physiciennes

2022 CAP Congress / Congrès de l'ACP 2022

***T1-1 Advances in Physics in Biology and
Medicine Symp.: Protein system dynamics
(DPMB) | Symposium sur les progrès en
physique dans la biologie et la médecine:
dynamique des systèmes de protéines
(DPMB)***

McMaster University

Tue, June 7

8:30 AM

T1-1 Advances in Physics in Biology and Medicine Symp.: Protein system dynamics (DPMB) | Symposium sur les progrès en physique dans la biologie et la médecine: dynamique des systèmes de protéines (DPMB)

Session | **Location:** McMaster University, MDCL 1110 | **Convener:** Valerie Booth

8:30 – 9:00 AM **(I) Limiting noise in biochemical reaction networks**

Speaker

Andreas Hilfinger

9:00 – 9:15 AM

(G*) Force Without Form: Delineating a Disordered Protein Complex with Single-Molecule Fluorescence Spectroscopy

Speaker

Spencer Smyth

9:15 – 9:30 AM

Near-Infrared Photobiomodulation of Living Cells, Tubulin, and Microtubules in Vitro

Speaker

Dr Michael Staelens

9:30 – 9:45 AM

(G*) Stochastic Simulations of Protein Clustering on Tubular Networks

Speaker

Liam Kischuck

9:45 – 10:00 AM

(U*) Finding Order in Disorder: Modelling the Disordered Protein 4E-BP2

Speaker

Thomas Tsangaris

10:00 – 10:15 AM

(G*) Inferring gene regulation from static snapshots of gene expression variability

Speaker

Euan Joly-Smith

10:15 AM