

Session Program

Jun 5 - 11, 2022



Canadian Association
of Physicists

Association canadienne
des physiciens et physiciennes

2022 CAP Congress / Congrès de l'ACP 2022

***T2 -1 Advances in Physics in Biology and
Medicine Symp.: Protein design and
diffusion (DPMB) | Symposium sur les
progrès en physique dans la biologie et la
médecine: conception de protéines et
diffusion (DPMB)***

McMaster University

Tue, June 7

10:45 AM

T2 -1 Advances in Physics in Biology and Medicine Symp.: Protein design and diffusion (DPMB) | Symposium sur les progrès en physique dans la biologie et la médecine: conception de protéines et diffusion (DPMB)

Session | **Location:** McMaster University, MDCL 1110 | **Convener:** Ozzy Mermut

10:45 - 11:15 AM **(I) Fast and precise: How transcription factors find their targets**

Speaker

Cecile Fradin

11:15 - 11:30 AM

Probing the Stochastic Properties of DNA Driven by Topology-relaxing Enzyme Activity

Speaker

Dr Maria Kilfoil

11:30 - 11:45 AM

The lawnmower: an artificial protein-based burnt-bridge molecular motor

Speaker

Chapin Korosec

11:45 AM - 12:00 PM

(G*) Protein folding and fold switching of the C-terminal domain of transcription factor RfaH.

Speaker

Bahman Seifi

12:00 - 12:15 PM

(G*) Tracking Diffusion and Oligomerization of M2 Receptors in Live Cells

Speaker

Xiaohan Zhou

12:15 PM