

Session Program

5-11 Jun 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

Tuesday 7 June

10:45

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 **(I) Fast and precise: How transcription factors find their targets**

Speaker

Cecile Fradin

11:15-11:30

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

Speaker

Dr Maria Kilfoil

11:30-11:45

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

Speaker

Chapin Korosec

11:45-12:00

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

Speaker

Bahman Seifi

12:00-12:15

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

Speaker

Xiaohan Zhou

12:15