

Session Program

5-11 Jun 2022



Canadian Association
of Physicists

Association canadienne
des physiciens et physiciennes

2022 CAP Congress / Congrès de l'ACP 2022

M1-8 Statistical physics and biology (DCMMP)
| Physique statistique et biologie (DPMCM)

McMaster University

Monday 6 June

10:45

M1-8 Statistical physics and biology (DCMMP) | Physique statistique et biologie (DPMCM)

Session | Location: McMaster University, MDCL 1116 | Convener: James Polson

10:45-11:15

(I) Dynamical mean-field theory: from ecosystems to reaction networks

Speaker

Eric de Giuli

11:15-11:30

(G*) Random Asymmetric Markov Models

Speaker

Faheem Mosam

11:30-11:45

(G*) Entropy, Networks, and Design

Speaker

Pheerawich Chitnelawong

11:45-12:00

(G*) Dynamics of exciton polaron in microtubule

Speaker

Mr Willy Aniset Nganfo Yifoue

12:00-12:15

Modelling finger-like pattern formation in a bacteria colony growing at an interface using dynamical self-consistent field theory

Speaker

Prof. Robert Wickham

12:15