

Session Program

2-7 Jun 2019



Canadian Association
of Physicists

Association canadienne
des physiciens et physiciennes

2019 CAP Congress / Congrès de l'ACP 2019

***T2-1 Soft Matter AM-2 (DCMMP) | Matière
molle AM-2 (DPMCM)***

Simon Fraser University

Tuesday 4 June

10:45

T2-1 Soft Matter AM-2 (DCMMP) | Matière molle AM-2 (DPMCM)

Session | Location: Simon Fraser University, ASB 10900 | Convener: An-Chang Shi

10:45-11:15

Self-regulating mechanisms of bi-directional transport through the Nuclear Pore Complex

Speaker

Anton Zilman

11:15-11:30

Free energy cost of localizing a single monomer of a confined polymer

Speaker

James Polson

11:30-11:45

Random phase approximation and renormalized Gaussian chain for charged hetero-biopolymers and their sequence-specific phase behavior

Speaker

Yi-Hsuan Lin

11:45-12:00

Enhanced gel formation in binary mixtures of nanocolloids with tunable short-range attraction

Speaker

J. L. Harden

12:00-12:15

Non-equilibrium response of a strongly coupled rotary motor

Speaker

Ms Emma Lathouwers

12:15