

Session Program

26-31 May 2024



**Canadian Association
of Physicists**

**Association canadienne
des physiciens et physiciennes**

2024 CAP Congress / Congrès de l'ACP 2024

***(DCMMP) M3-6 Soft Condensed Matter III |
Matière condensée molle III (DPMCM)***

Western University

Monday 27 May

16:15

(DCMMP) M3-6 Soft Condensed Matter III | Matière condensée molle III (DPMCM)

Session | **Location:** Physics & Astronomy Bldg., Western U., PAB Rm 106 (cap. 96) | **Convener:** John Dutcher

16:15-16:45

Evaluation of glass transition temperatures based on machine learning of computer simulations: Polymers as the pilot case

Speaker

Artem Glova

16:45-17:00

(G) Elastic Modulus of Stable Polystyrene Glasses

Speaker

Ms Mahnoor Mehmood

17:00-17:15

(G*) Measurement of the depth-dependent local dynamics in thin polymer films through rejuvenation of ultrastable glasses

Speaker

Saba Karimi

17:15-17:30

(G*) Relaxation of a 2D oil droplet raft at a curved surface

Speaker

Cameron Burns

17:30-17:45

(G*) Dynamics of an intruder moving through a two-dimensional granular medium

Speaker

Marzuk Gazi

17:45-18:00

(G*) Effective friction in aggregates of frictionless particles

Speaker

Mrs Yasaman Heshmatzadeh

18:00