

## 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