

## **Session Program**

**21-26 Jun 2026**



**Canadian Association  
of Physicists**

**Association canadienne  
des physiciens et physiciennes**

## **2026 CAP Congress / Congrès de l'ACP 2026**

### ***(DCMMP) M1-4 Soft Matter 1: Polymers and Glasses | Matière molle 1 : Polymères et verres (DPMCM)***

U. Ottawa - Learning Crossroads (CRX) Building  
100 Louis-Pasteur Private, Ottawa, ON K1N 9N3

# Monday 22 June

10:15

## (DCMMP) M1-4 Soft Matter 1: Polymers and Glasses | Matière molle 1 : Polymères et verres (DPMCM)

Session |

Location: U. Ottawa - Learning Crossroads (CRX) Building, 100 Louis-Pasteur Private, Ottawa, ON K1N 9N3

10:15-10:30

### Elastic properties of polycatenane chains and ribbons

Speaker

James Polson

10:30-10:45

### Paint-On Artificial Muscles: Cantilever Measurements of Stress and Efficiency of Photo-Mechanical Coatings of Azo Dye Polymers

Speaker

Prof. Christopher Barrett

10:45-11:00

### Polymer dynamical self-consistent field theory in the grand canonical ensemble

Speaker

Benjamin Morling

11:00-11:15

### Self-Assembly of Inverted Phases in Diblock Copolymer Blends

Speaker

Yuhui Yi

11:15-11:30

### Solvent processing stable polystyrene glass films

Speaker

Saba Karimi

11:30-11:45

### Surface properties of stable polystyrene glasses

Speaker

Danielle McRae

11:45-12:00

### Mechanical properties of thin films of ultrastable polymer glass

Speaker

Mahnoor Mehmood

12:00