

## **Session Program**

**21-26 Jun 2026**



**Canadian Association  
of Physicists**

**Association canadienne  
des physiciens et physiciennes**

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

***(DPMB) M2-8 | (DPMB)***

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

# Monday 22 June

14:15

## (DPMB) M2-8 | (DPMB)

**Session** |

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

14:15-14:30

### **Differentiation of Bacterial Species in Biomedical Specimens Using Laser-Induced Breakdown Spectroscopy**

**Speaker**

Ms Lauren Dmytrow

14:30-14:45

### **Direct Measurement of Radon Diffusion in Biological Tissue Using Low-Background Techniques**

**Speaker**

Michel Lapointe

14:45-15:00

### **Bioluminescence as a Biomarker for Assessing Environmental Health**

**Speaker**

Sofia Puszynska

15:00-15:15

### **Polarization resolved second harmonic generation microscopy reveals molecular disorder in crosslinked collagen fibrils**

**Speaker**

Benjamin Hansson

15:15-15:30

### **Probing the Surface Chain Length Distribution of Phytoglycogen Nanoparticles Using AFM Force Spectroscopy**

**Speaker**

Nishel Alexander

15:30-15:45

### **The vertebrate ear is an active linearistic subatomic displacement sensor**

**Speaker**

Esther Sule

15:45