

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) M1-8 | (DPMB)

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

Monday 22 June

10:15

(DPMB) M1-8 | (DPMB)

Session |

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

10:15-10:45 **Title to follow**

Speaker

Avery Berman

10:45-11:00

Hyperspectral Time-Resolved Near-Infrared Spectrometer for In-Vivo Adult Neuromonitoring

Speaker

Natalie Li

11:00-11:15

Development and Application of an MRI-Compatible Robotic Injection System for Precise 1.5T MRI-Guided Glioma Modeling and Cell Therapy

Speaker

Yuxuan Wang

11:15-11:30

Level-Set Driven 3D Reconstruction of Serial Marmoset Brain Sections

Speaker

Emily DeLeon

11:30-11:45

Developing Intelligent Brain-Machine Interfaces: A Bio-camouflage for Neural Probes

Speaker

Mahta Morad

11:45-12:00

Estimation of the physical characteristics of an external hardware attenuator in pure PET systems in sinogram space

Speaker

Philippe Laporte

12:00