

## **Session Program**

**21-26 Jun 2026**



**Canadian Association  
of Physicists**

**Association canadienne  
des physiciens et physiciennes**

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

***(DQI) M2-5 | (DIQ)***

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

# Monday 22 June

14:15

## (DQI) M2-5 | (DIQ)

**Session** |

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

14:15-14:45

### On the complexity of shallow quantum circuits with and without noise

**Speaker**

Max McGinley

14:45-15:00

### Bell State Analysis Provides an Optimal Basis Saturating the Quantum Cramer-Rao in Rotation Sensing

**Speaker**

Zhuoran Bao

15:00-15:15

### Adaptively Reconstructing a Quantum State Using Artificial Neural Networks

**Speaker**

Riza Fazili

15:15-15:30

### Thermalization of a quantum circuit

**Speaker**

Thomas Baker

15:30-15:45

### Discussion

15:45