

## Session Program

26-31 May 2024



Canadian Association  
of Physicists

Association canadienne  
des physiciens et physiciennes

**2024 CAP Congress / Congrès de l'ACP 2024**

***(DQI) M3-9 Quantum Error Correction |  
Correction des erreurs quantiques (DIQ)***

Western University

# Sunday 26 May

16:15

## **(DQI) M3-9 Quantum Error Correction | Correction des erreurs quantiques (DIQ)**

**Session** | **Location:** Physics & Astronomy Bldg., Western U., PAB Rm 150 (cap. 48) | **Convener:** Olivia Di Matteo

**16:15-16:45 Weight Reduced Stabilizer Codes with Lower Overhead**

**Speaker**

Dr Michael Vasmer

16:45-17:00

**(G) Flying-cat parity checks for quantum error correction and quantum communication**

**Speaker**

Zoé McIntyre

**17:00-17:15 (G) Quantum error correction for unresolvable spin ensemble**

**Speaker**

Harsh Sharma

**17:15-17:30 A Spacetime Resolution of the Quantum Measurement Problem**

**Speaker**

Prof. Jonathan Sharp

**17:30-18:00 Round Table**

18:00