

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) T3-11 | (DIQ)

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

Tuesday 23 June

16:15

(DQI) T3-11 | (DIQ)

Session |

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

16:15-16:45

TERRA: Tensor-network Error-mitigated Robust Randomized Algorithm

Speaker

Prof. Cunlu Zhou

16:45-17:00

Simulating Qubit Systems with Tensor Network Algorithms

Speaker

Anne Najdzionek

17:00-17:15

Hybrid Quantum Genetic Algorithm for Stable Hyperparameter Optimization in Flood Prediction Models

Speaker

Mahkame Salimi Moghadam

17:15-17:30

Variational Imaginary-Time Polynomial Filtering with Ancilla-Based Implementation

Speaker

Dr Bahman Seifi

17:45