

## **Session Program**

**8-13 Jun 2025**



**Canadian Association  
of Physicists**

**Association canadienne  
des physiciens et physiciennes**

**2025 CAP Congress / Congrès de l'ACP 2025**  
***(DQI) T2-7 | (DIQ)***

## Tuesday 10 June

14:15

### (DQI) T2-7 | (DIQ)

#### Session

14:15–14:30

#### Quantum algorithm for the gradient of the logarithm-determinant

**Speaker**

Thomas Baker

14:30–14:45

#### Introducing the Partial Strassen Algorithm for entanglement renormalization

**Speaker**

Aaron Dayton

14:45–15:00

#### Quantum-assisted generative AI for simulating high-energy calorimetry

**Speaker**

J. Quetzalcoatl Toledo-Marin

15:00–15:15

#### Quantum entanglement in symmetric spin systems

**Speaker**

Stephanie Curnoe

15:15–15:45

#### Invited Talk by Fabrice Retiere

**Speaker**

Fabrice Retiere

15:45