

Session Program

8-13 Jun 2025



**Canadian Association
of Physicists**

**Association canadienne
des physiciens et physiciennes**

2025 CAP Congress / Congrès de l'ACP 2025

***(DTP) T1-10 Classical and Quantum Gravity |
Gravité classique et quantique (DPT)***

Tuesday 10 June

10:15

(DTP) T1-10 Classical and Quantum Gravity | Gravité classique et quantique (DPT)

Session

10:15–10:30

Cryptographic tests of complexity conjectures in holography

Speaker

Chris Waddell

10:30–10:45

Unruh in Superposed Spacetimes

Speaker

Everett Patterson

10:45–11:00

Harvesting Mutual Information Behind a Black Hole Horizon

Speaker

Sijia Wang

11:00–11:15

Antisymmetric tensor portals to dark matter

Speaker

Alexander Magnus

11:15–11:30

A pathology in semiclassical gravity

Speaker

Irfan Javed

11:30–11:45

The geometric trinity of gravity, an introduction to teleparallel and symmetric teleparallel gravity.

Speaker

Josh Fenwick

11:45–12:00

Non-geodesic timelike observers and the ultra-local limit

Speaker

Valerio Faraoni

12:00