

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) W1-5 Hot Topics in Theoretical Physics |
Sujets d'actualité en physique théorique
(DPT)***

Wednesday 11 June

10:15

(DTP) W1-5 Hot Topics in Theoretical Physics | Sujets d'actualité en physique théorique (DPT): Black Holes, Gravitational Waves and Neutron Stars | Trous noirs, ondes gravitationnelles et étoiles à neutrons

Session

10:15-10:45

Gravitational Self-Lensing of X-rays Emitted by Neutron Stars**Speaker**

Sharon Morsink

10:45-11:15

New Frontiers in Black Hole Astrophysics**Speaker**

Julie Hlavacek-Larrondo

11:15-11:45

Multi-messenger modeling of isolated neutron star binary mergers in the era of third generation gravitational-wave detectors**Speaker**

Dr Nathan Steinle

11:45-12:15

The interface of theory and observation in gravitational waves**Speaker**

Heather Fong

12:15