

## **Session Program**

**18-23 Jun 2023**



**Canadian Association  
of Physicists**

**Association canadienne  
des physiciens et physiciennes**

**2023 CAP Congress / Congrès de l'ACP 2023**

***(DTP) M3-9 Strong Gravity and Black Holes |  
Gravité forte et trous noirs (DPT)***

University of New Brunswick

# Monday 19 June

16:00

## (DTP) M3-9 Strong Gravity and Black Holes | Gravit  forte et trous noirs (DPT)

**Session** | **Location:** Rm. 5 (max. 70), UNB Tilley Hall | **Convener:** Hari Kunduri

16:00–16:30 **(I) Shock waves from quantum black holes**

**Speaker**

Viqar Husain

16:30–16:45 **(G\*) Temporary horizons: the life and times of a quantum black hole**

**Speaker**

Samantha hergott

16:45–17:00 **(G\*) A five dimensional distorted black hole with a “bubble”.**

**Speaker**

Matin Tavayef

17:00–17:15

**(G\*) Formalism for Finding Marginally Outer Trapped Surfaces (MOTSs) in Kerr and its Friends**

**Speaker**

Sarah Muth

17:15–17:30

**(G\*) Self-intersecting marginally outer trapped surfaces (MOTSs) in rotating spacetimes**

**Speaker**

Kam To Billy Chan

17:30–17:45 **(G\*) Exotic MOTS in the Schwarzschild Kruskal Extension**

**Speaker**

Liam Newhook

17:45