

Session Program

6-11 Jun 2021



**Canadian Association
of Physicists**

**Association canadienne
des physiciens et physiciennes**

2021 CAP Virtual Congress / Congrès virtuel de l'ACP 2021

M2-2 Classical and Quantum Gravity II (DTP) / Gravité classique et quantique II (DPT)

Underline Conference System

Sunday 6 June

12:45

M2-2 Classical and Quantum Gravity II (DTP) / Gravité classique et quantique II (DPT)

Session | Location: Underline Conference System | Convener: Sanjeev Seahra

12:45–12:48
Unruh-DeWitt Detector Differentiation of Black Holes and Exotic Compact Objects
Speaker
Dr Chen Zhang

12:48–12:51 **Effective Raychaudhuri equation and black hole singularity resolution**
Speaker
Saeed Rastgoo

12:51–12:54 **Quantum Detection of Inertial Frame Dragging**
Speaker
Dr David Kubiznak

12:54–12:57
Falcon all-sky searches for continuous waves: results, outliers and artifacts.
Speaker
Vladimir Dergachev

12:57–13:00
(G*) Prospects for Reconstructing the Gravitational Wave Signal from Core-Collapse Supernovae in the LIGO-Virgo Advanced Detector Era
Speaker
Mr Nayyer Raza

13:00–13:03 **(G*) Asymptotically Anti-de Sitter Gravitational Solitons**
Speaker
Turkuler Durgut

13:03–13:06
(G*) Prospects for measuring off-axis spins of binary black hole sources with A+/AdV+
Speaker
Alan Knee

13:06–13:09 **Hot qubits on the horizon**
Speaker
Gregory Kaplanek

13:09–13:30 **Questions/Answers and Discussion Period**

13:30