Session Program

Jun 6 – 11, 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

Mon, June 7

12:45 PM

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 PM

Unruh-DeWitt Detector Differentiation of Black Holes and Exotic Compact Objects

Speaker
Dr Chen Zhang

12:48 – 12:51 PM

Effective Raychaudhuri equation and black hole singularity resolution

Speaker
Saeed Rastgoo

12:51 – 12:54 PM **Quantum Detection of Inertial Frame Dragging**

Speaker
Dr David Kubiznak

12:54 – 12:57 PM

Falcon all-sky searches for continuous waves: results, outliers and artifacts.

Speaker
Vladimir Dergachev

12:57 – 1:00 PM

(G*) Prospects for Reconstructing the Gravitational Wave Signal from Core-Collapse Supernovae in the LIGO-Virgo Advanced Detector Era

Speaker
Mr Nayyer Raza

1:00 – 1:03 PM **(G*) Asymptotically Anti-de Sitter Gravitational Solitons**

Speaker
Turkuler Durgut

1:03 – 1:06 PM

(G*) Prospects for measuring off-axis spins of binary black hole sources with A+/ AdV+

Speaker
Alan Knee

1:06 – 1:09 PM **Hot qubits on the horizon**

Speaker
Gregory Kaplanek

1:09 – 1:30 PM **Questions/Answers and Discussion Period**

1:30 PM