

## **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**

### ***R4-2 Quantum Information: Theory (DTP) / Information quantique: théorie (DPT)***

Underline Conference System

## Wednesday 9 June

16:45

### R4-2 Quantum Information: Theory (DTP) / Information quantique: théorie (DPT)

**Session** | **Location:** Underline Conference System | **Convener:** Barry Sanders

16:45–16:50 **(I) Quantum Theory of Polarized Light**

**Speaker**

Daniel James

16:50–16:55

**(I) Additive quantities cannot be more than asymptotically continuous**

**Speaker**

Debbie Leung

16:55–17:00

**(I) Entanglement and Bell nonlocality are one and the same**

**Speaker**

Gilad Gour

17:00–17:03

**(G\*) Entanglement Amplification from Rotating Black Holes**

**Speaker**

Matthew Robbins

17:03–17:06

**(G\*) Harvesting Entanglement inside a Black Hole**

**Speaker**

Kensuke Gallock-Yoshimura

17:06–17:09

**Quantum Temporal Superposition: the case of QFT**

**Speaker**

Laura Henderson

17:09–17:30

**Questions/Answers and Discussion Period**

17:30