

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) W1-5 Quantum Theory | Théorie
quantique (DPT)***

University of New Brunswick

Wednesday 21 June

10:30

(DTP) W1-5 Quantum Theory | Théorie quantique (DPT)

Session | Location: Rm. 104 (max. 82), UNB Tilley Hall | Convener: Marco Merkli

10:30–11:00

(I) Bosonic quantum interface: characterization, engineering, and application

Speaker

Hoi-Kwan Lau

11:00–11:15

(G*) Benchmarking of Universal Qutrit Gates

Speaker

David Amaro Alcala

11:15–11:30

Quantum recurrence in the kicked top model

Speaker

Amit Anand

11:30–11:45

(G*) Dynamics and entanglement in quantum and quantum-classical systems: lessons for gravity

Speaker

Irfan Javed

12:00