

Session Program

26-31 May 2024



Canadian Association
of Physicists

Association canadienne
des physiciens et physiciennes

2024 CAP Congress / Congrès de l'ACP 2024

***(DQI) M1-6 Quantum System Engineering and
Control | Ingénierie et contrôle des systèmes
quantiques (DIQ)***

Western University

Monday 27 May

10:30

(DQI) M1-6 Quantum System Engineering and Control | Ingénierie et contrôle des systèmes quantiques (DIQ)

Session | **Location:** Social Science Centre, Western U., SSC Rm 2020 (cap. 80) | **Convener:** Olivia Di Matteo

10:30-11:00 **A photonic which-path entangler**

Speaker

Bill Coish

11:00-11:15 **(G) Entropy-based Bayesian approach to multi-parameter estimation**

Speaker

Noah Pinkney

11:15-11:30

(G*) Engineering non-Gaussian bosonic gate by quantum signal processing

Speaker

Pak Tik Fong

11:30-11:45

(G*) Deterministic Construction of Arbitrary States in Permutationally-Invariant Spin Ensemble

Speaker

Ruchir Tullu

11:45-12:00 **Round Table**

12:00