

Session Program

8-13 Jun 2025



**Canadian Association
of Physicists**

**Association canadienne
des physiciens et physiciennes**

2025 CAP Congress / Congrès de l'ACP 2025

***(DTP) R2-1 Particle and Mathematical Physics
| Physique des particules et physique
mathématique (DPT)***

Thursday 12 June

16:30

(DTP) R2-1 Particle and Mathematical Physics | Physique des particules et physique mathématique (DPT)

Session | **Location:** Arts Bldg., U.Sask., Rm 214 (cap.60) | **Convener:** Mark Walton

16:30-17:00

Heavy-Light Diquark Mass Splitting from QCD Sum-Rules and Diagrammatic Renormalization Methods

Speaker

Thamirys de Oliveira

17:00-17:15

Theory for electron-phonon systems at high levels of Joule heating: Spontaneous symmetry breaking with possible applications to chemical systems.

Speaker

Steve Patitsas

17:15-17:30

Theoretical analysis of non-linear dynamics response of a bridge pier under two-phase turbulent flow

Speaker

Dr Loïc NGOU ZEUFU

18:00