

Session Program

19-20 Jun 2026

2026 Theory Canada 18

Strings and Quantum Gravity

Université de Montréal (MIL campus), A-4502.1
1375 Avenue Thérèse-Lavoie-Roux, Montréal (QC) H2V 0B3

Friday 19 June

14:00

Strings and Quantum Gravity: I

Session | Location: A-2553

14:00-14:20

Charge conjugation symmetry and Monodromy defects in Cern-Simons theory

Speaker

Dr Federico Ambrosino

14:20-14:40

Origin of the $SO(9) \rightarrow SO(3) \times SO(6)$ symmetry breaking in the type IIB matrix model

Speaker

Julia Pasiiecznik

14:40-15:00

Higher symmetries and 4d quantum gravity

Speaker

Florian Girelli

15:00

Saturday 20 June

09:45

Strings and Quantum Gravity: II

Session | Location: A-2553

09:45-10:05 **Stability of R-Charged Membranes**

Speaker

lucas Brown

10:05-10:25

Static and axisymmetric black holes in improved GUP: theory and phenomenology

Speaker

Prof. Saeed Rastgoo

10:25-10:45

Relational Quantum Black Holes: Bounce and Singularity Resolution

Speaker

Paolo Fragolino

10:45

16:00

Strings and Quantum Gravity: III

Session | Location: A-2553

16:00-16:20

On observers, fixed geometry states, and generalized entanglement wedges

Speaker

Chris Waddell

16:20-16:40

Probing spacetime fluctuations with observables

Speaker

Robin Oberfrank

16:40-17:00

Quantum Geometry from Commutators

Speaker

Dr Vahid Kamali

17:00