

**Session Program**

**19-20 Jun 2026**

**2026 Theory Canada 18**

***Relativity and Gravitation***

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

# Friday 19 June

14:00

## Relativity and Gravitation: I

**Session** |

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

14:00–14:20

### Stability of Homogeneous minimal hypersurfaces in the Page space and $Y^{\{p,q\}}$ Sasaki-Einstein manifolds

**Speaker**

Natalia Gherghel

14:20–14:40

### Gravitating Nielsen-Olesen vortices in anti de-Sitter space (AdS3)

**Speaker**

Prof. Ariel Edery

14:40–15:00

### Mass comparison theorems for gravitational instantons

**Speaker**

Prof. Hari Kunduri

15:00

16:00

## Relativity and Gravitation: II

**Session** |

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

16:00–16:20

### Near the horizon of a non-extremal black hole

**Speaker**

Paul Fitzsimons

16:20–16:40

### Boundary Data for Local Boundaries in General Relativity

**Speaker**

Antonia Seifert

16:40–17:00

### Tunnelling across a trapped region and out of a black hole

**Speaker**

Edward Wilson-Ewing

17:20

# Saturday 20 June

14:00

## Relativity and Gravitation: III

Session | Location: A-2553

14:00-14:20

### Marginally-outer trapped surfaces in spacetimes with cosmological constant

**Speaker**

Kam To Billy Sievers

14:20-14:40

### General Set of Noetherian Energy-Momentum Tensors in Linearized Gravity

**Speaker**

Lydia Taylor

14:40-15:00

### Energy-Momentum Tensor Uniqueness for Scalar Fields

**Speaker**

Sean Snider

15:00