Session Program

19–20 Jun 2026

2026 Theory Canada 18

Condensed Matter Theory

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

Friday 19 June

11:15

Condensed Matter Theory: I

Session | **Location:** A-2553

11:15–11:35 **Exact critical-temperature bounds for two-dimensional Ising models**

Speaker
Prof. Igor Boettcher

11:35–11:55

Unconventional Ginzburg-Landau theory: a common pathway to novel physics

Speaker
Prof. Kirill Samokhin

11:55–12:15

Magnetic long-range order at finite temperature in two-dimensional hyperbolic lattices

Speaker
Alexander Hickey

12:15–12:35

Bulk-Boundary Correspondence for Semi-Infinite One-Dimensional Topological Insulators from Exceptional Points of the Analytically Continued Bloch Hamiltonian

Speaker
Ilya Iakoub

12:35

Saturday 20 June

11:15

Condensed Matter Theory: III

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

11:15–11:35

High-Performance Computational Modeling of Optical Turbulence and Discrete-Time Chaos in the Ikeda Map

Speaker
Rahul Nivash

11:35–11:55 **A study of new types of states in generalized SSH systems**

Speaker
Kylian Lionnet

11:55–12:15

Signatures of electronic band topology in the electrostatics of Chern insulator junctions

Speaker
Ion Garate

12:15–12:35 **Unconventional Pairing in interacting Ladders**

Speaker
Sourav Biswas

12:35