

MATROIDS, GRAPHS, AND COMPLEXITY

Wednesday 12 December AM

MCLT 102

9.50–10.40 **Keynote:** Paul Seymour
Forcing a $K_{2,t}$ minor

11.00–11.25 Gordon Royle
Binary matroids with no $K_{3,3}$ minor

11.25–12.15 **Keynote:** Isidoro Gitler
Some Links Between Combinatorial Optimization Properties of Clutters and Algebraic Properties of Monomial Ideals

Thursday 13 December PM

MCLT 102

14.50–15.40 **Keynote:** Henry Crapo
Simplicial Maps, and the Generic Rigidity Matroid

16.00–16.25 Rhiannon Hall
Chain-Type and Splitter-Type Theorems for Cocircuits and Hyperplanes in 3-Connected Matroids

16.25–16.50 Thomas Britz
Matroids Applied to Coding Theory

16.50–17.15 Peter Humphries
A Basis Exchange Property for Matroids

Thursday 13 December Evening

MCLT 102

18.15–18.40 Carolyn Chun
Unavoidable Minors of Loosely c -Connected Infinite Graphs

18.40–19.30 **Keynote:** Maria Chudnovsky
Even Pairs in Berge Graphs

Friday 14 December PM

MCLT 102

14.50–15.40 **Keynote:** Joseph P. Kung
The Tutte Polynomial Turned Upside Down

16.00–16.25 Charles Little
Minimal non-Bipartite Join Covered Graphs

16.25–16.50 Gary Gordon
Automorphisms of Matroids Associated with Root Systems

16.50–17.15 Petr Hlineny
Finding Branch-Decompositions and Rank-Decompositions

Saturday 15 December PM

MCLT 103

14.50–15.40 **Keynote:** Jim Geelen
Binary Matroid Minors

16.00–16.25 Dillon Mayhew
The Excluded Minors for the Class of Matroids that are Either Binary or Ternary

16.25–17.15 **Keynote:** Neil Robertson
TBA