

**Hausdorff Workshop
“QTMART”**

July 23rd - 25th, 2025

organized by

Alice Dell’Arciprete (University of York); Alexis Langlois-Rémillard (University of Bonn); Dinushi Munasinghe (University of Toronto); David Schwein (University of Bonn)

• **Wednesday, July 23**

08:30 - 09:30	<i>Self Registration & Community Agreement</i>
09:30 - 10:30	Diagrammatic Algebra and Modular Representation Theory - <i>Chris Bowman</i>
10:30 - 11:00	<i>Coffee Break</i>
11:00 - 11:30	A Combinatorial Presentation for the Hecke Category - <i>Ben Mills</i>
11:30 - 12:00	Congruence Lattices of Finite Twisted Brauer and Temperley-Lieb Monoids - <i>Matthias Fresacher</i>
12:00 - 12:30	Fitting Invariants of some Modules in non-commutative Iwasawa Theory - <i>Justina Lücke</i>
12:30 - 14:00	<i>Lunch Break</i>
14:00 - 14:30	The strong Exchange Property of Coxeter Matroids - <i>Aram Dermenjian</i>
14:30 - 15:00	On the Solvability of the Lie algebra $HH^1(B)$ for Blocks of finite Groups - <i>Jay Wang</i>
15:00 - 15:30	<i>Coffee Break</i>
15:30 - 16:30	Weyl Groupoids, Young Diagrams and Borel Subalgebras - <i>Ian Musson</i>
16:30 - 17:30	Queer Session I
18:00 - 19:30	Public Lecture and Discussion at HIM
19:30 - 21:00	<i>BBQ at HIM</i>

• **Thursday, July 24**

09:00 - 09:30	<i>Breakfast Coffee</i>
09:30 - 10:30	Slodowy Slices in graded Lie Algebras - <i>Beth Romano</i>
10:30 - 11:00	<i>Coffee Break</i>
11:00 - 11:30	Welcome to the p-modular World - <i>Ramla Abdellatif</i>
11:30 - 12:00	Quantum Fields, local Algebras and their Representations - <i>Daan Janssen</i>
12:00 - 12:30	Skew-group Algebras in higher Auslander-Reiten Theory - <i>Darius Dramburg</i>
12:30 - 14:00	<i>Lunch Break</i>
14:00 - 14:30	Homological Algebra Without Grading - <i>David Nkansah</i>
14:30 - 15:00	Alternating Groups and 69: when Uniformity meets rational Partitions - <i>Marco Vergani</i>
15:00 - 15:30	<i>Coffee Break</i>
15:30 - 16:30	On Finite-ness, Discrete-ness, and when to let them go - <i>J. Daisy Rock</i>
16:30 - 17:00	<i>Cake Break</i>
17:00 - 18:00	Queer Session II

• **Friday, July 25**

09:00 - 09:30	<i>Breakfast Coffee</i>
09:30 - 10:30	Picture Recognition and Quantum Algebra - <i>Dani Tubbenhauer</i>
10:30 - 11:00	<i>Coffee Break</i>
11:00 - 11:30	τ-tilting Finiteness under Base Field Extension - <i>Maximilian Kaipel</i>
11:30 - 12:00	Cauchy Completion of Categories - <i>Tessa Kammermeier</i>
12:00 - 12:30	How to Compute with (Locally) Gentle Algebras by Doodling - <i>Chris Grossack</i>
12:30 - 14:00	<i>Lunch Break</i>
14:00 - 14:30	Vertex Algebras for Quiver Varieties - <i>Sven Möller</i>
14:30 - 15:00	Reduction by Stages for affine W-algebras - <i>Thibault Juillard</i>
15:00 - 15:30	<i>Coffee Break</i>
15:30 - 17:00	Queer Session III