

# 2016 GSCAGT – CONFERENCE SCHEDULE

Talks marked with a dagger (†) indicate expository talks

<b>Saturday</b>			
	<b>Room 108a</b>	<b>Room 108b</b>	<b>Room 116</b>
8:30am -9:10am	<b>Check in/Registration</b> SERC Lobby		
9:10am -9:20am	<b>Opening Remarks</b> SERC - Room 116		
9:20am -10:20am	<b>Configurations, arithmetic groups, cohomology, and stability</b> <i>Jordan Ellenberg</i> SERC - Room 116		
10:20am -10:50am	<b>Coffee/Tea Break</b> SERC Lobby		
10:50am -11:20am	<b>Arithmetic cohomology</b> (†) Patrick Milano	<b>The interaction between Hermitian and Riemannian geometry</b> Gabriel Khan	<b>Mapping class groups of surfaces and quantization</b> Sasha Patotski
11:30am -12:00pm	<b>Random hypersurfaces and embedding curves over finite fields</b> Joseph Gunther	<b>Non-positive sectional curvature under Ricci flow</b> Anusha Krishnan	<b>Topology and arithmetic geometry of elliptic Lefschetz fibration moduli space</b> Jun Yong Park
12:10pm -12:40pm	<b>Counting local systems on supersingular abelian varieties</b> (†) Brett Frankel	<b>Rational differential characters and Fivebrane structures</b> Matthew Wheeler	<b>On Thurston's Euler class one conjecture</b> Mehdi Yazdi
12:40pm -2:20pm	<b>Lunch Break</b> SERC Lobby		
2:20pm -2:50pm	<b>Noncommutative projective schemes</b> Blake Farman	<b>Assignments for Bott-Samelson manifolds</b> Gouri Seal	<b>Alternating knots and their generalization</b> (†) Seungwon Kim
3:00pm -3:30pm	<b>The adjoint action of a Hopf algebra</b> Adam Jacoby	<b>Twisted generalized cohomology</b> (†) Alex Yarosh	<b>Concordance of fibered knots</b> (†) Maggie Miller
3:40pm -4:10pm	<b>Topological structure for cluster algebra quivers for Kac-Moody algebras</b> Maitreyee Kulkarni	<b>A smooth variant of Hopkins-Singer differential K-theory</b> Byungdo Park	<b>On the braid index of alternating braids</b> Pengyu Liu
4:10pm -4:30pm	<b>Coffee/Tea Break</b> SERC Lobby		
4:30pm -5:30pm	<b>Braids, complex geometry, and homology-type invariants</b> <i>Elisenda Grigsby</i> SERC - Room 116		
7:00pm	<b>Conference Banquet</b> Joy Tsin Lau Chinese Restaurant		

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<b>Sunday</b>			
	<b>Room 108a</b>	<b>Room 108b</b>	<b>Room 116</b>
9:00am -9:30am	<b>Hermitian structure of the square root of the inverse different</b> Cindy (Sin Yi) Tsang	<b>Stable and unstable homology of configuration spaces</b> Megan Maguire	<b>An introduction to acylindrical hyperbolicity (†)</b> Burns Healy
9:40am -10:10am	<b>Cofree objects in the centralizer and the center categories</b> Adnan Abdulwahid	<b>Real 3-manifolds through surgery</b> Merve Cengiz	<b>The Brauer complex and decomposition numbers of symplectic groups</b> Ian Hogan
10:20am -10:50am	<b>Twisted logarithmic modules of free field vertex algebras</b> Sullivan McKay	<b>Fixed point properties of nilpotent and solvable Lie group actions on non-positively curved compact manifolds</b> Mehrzhad Monzavi	<b>Effective separability of nilpotent groups</b> Mark Pengitore
10:50am -11:15am	<b>Coffee/Tea Break</b> SERC Lobby		
11:15am -12:15am	<b>Representation theory and combinatorics of diagram algebras</b> <i>Zajj Daughtery</i> SERC - Room 116		
12:15pm -1:40pm	<b>Lunch Break</b> SERC Lobby		
1:40pm -2:10pm	<b>Non-commutative discriminants and Poisson geometry part I</b> Kurt Trampel	<b>The augmentation category map induced by exact Lagrangian cobordisms</b> Yu Pan	<b>Working with the square model of random groups (†)</b> Yen Duong
2:20pm -2:50pm	<b>Non-commutative discriminants and Poisson geometry part II</b> Bach Nguyen	<b>A-infinity algebras for Legendrians from generating families</b> Ziva Myer	<b>CAT(0) HNN extensions and their visual boundaries</b> Michael Ben-Zvi
3:00pm -4:00pm	<b>Arithmetic link complements</b> <i>Alan Reid</i> SERC - Room 116		