

GSCAGT 2019 – CONFERENCE SCHEDULE

Talks marked with a dagger (†) indicate expository talks

Saturday				
	Room 108A	Room 108B	Room 110	Room 116
8:50am – 9:30am	Registration/Breakfast SERC Lobby			
9:30am – 9:40am	Opening Remarks Room 116			
9:40am – 10:40am	The space of vector bundles on spheres: algebra, geometry, topology <i>Ravi Vakil</i> SERC – Room 116			
10:40am – 11:10am	Coffee/Tea Break SERC Lobby			
11:10am – 11:40am	Normal subgroups in the Cremona group (†) Adriano Pacifico	Branching rules for splint root systems Yao-Rui Yeo	Classifying 2-stratifolds with finite fundamental group John Bergschneider	Area and limited length spectrum data Noelle Sawyer
11:50am – 12:20pm	Enriching Bézout’s Theorem Stephen McKean	Mahler measure and Lehmers question (†) Lydia Eldredge	Hyperbolic knots and hidden symmetries Priyadip Mondal	Enumeration of real curves on surfaces Xujia Chen
12:30pm – 1:00pm	Palindromic, polynomially-growing free-by-cyclic groups are CAT(0) Rylee Lyman	On regular h-local rings Akeel Nasir Omairi	Invariants of 2-knots (†) Shruthi Sridhar	Statistics of square-tiled surfaces: symmetry, saddle connections and short loops Sunrose Shrestha
1:00pm – 2:20pm	Lunch Break SERC Lobby			
2:20pm – 2:50pm	The Hilbert series and invariants of circle representations Emily Cowie	Bounded generation of SL_2 over rings of S-integers with infinitely many units Aleksander Morgan	Positive curvature and fundamental group Elahe Khalili Samani	Khovanskii bases Daniel Ehrmann
3:00pm – 3:30pm	Hybrid subgroups of complex hyperbolic isometries Joseph Wells	Similarity classes of certain Hermitian lattices Freda Li	A new construction of pseudo-Anosov homeomorphisms Yvon Verberne	Graph products as hierarchically hyperbolic groups Daniel Berlyne
3:40pm – 4:10pm	Perspectives on the mirror symmetry group Evangelos Nastas	Zeta functions of nilpotent groups and algebraic groups Fikreab Solomon	Hausdorff dimension of limit sets of Anosov subgroups Subhadip Dey	π_1-injectivity in Euclidean Artin groups Gordon Rojas Kirby
4:10pm – 4:30pm	Coffee/Tea Break SERC Lobby			
4:30pm – 5:30pm	Mapping class groups of infinite-type surfaces and their actions on hyperbolic graphs <i>Priyam Patel</i> SERC – Room 116			
7:00pm	Conference Banquet Ocean Harbor – 1023 Race St			

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Sunday			
	Room 108A	Room 108B	Room 116
8:30am – 9:00am	Breakfast College of Engineering Lobby		
9:00am – 10:00am	Algebraic K-theory and group actions <i>Mona Merling</i> SERC – Room 116		
10:00am – 10:20am	Coffee/Tea Break College of Engineering Lobby		
10:20am – 10:50am	Actions of solvable Baumslag-Solitar groups on hyperbolic metric spaces Alexander Rasmussen	The Weyl algebra $A_1(k)$ and the genesis of quantum mechanics (†) Ann Rogers	Stars at infinity in Teichmüller space Nathan Fisher
11:00am – 11:30am	Splittings of groups and actions on trees (†) Christopher Perez	Hochschild cohomology of twisted tensor product algebras (and brackets for certain quantum complete intersections) Pablo Ocal	Thin position of 4-manifolds Roman Aranda Cuevas
11:40am – 12:10pm	On macroscopic dimension of non-spin 4-manifolds (joint with A. Dranishnikov) Michelle Daher	Comparing the number of D_4 and S_4 extensions of global fields Daniel Keliher	From hierarchical to relative hyperbolicity Jacob Russell
12:10pm – 12:30pm	Coffee/Tea Break College of Engineering Lobby		
12:30pm – 1:30pm	Embedding problems in symplectic topology <i>Dusa McDuff</i> SERC – Room 116		
1:30pm	Lunch Break College of Engineering Lobby		