

(2021) GSCAGT – Conference Schedule

Please note: All times are given in EDT

Talks marked with a dagger (†) indicate expository talks

Friday			
	Zoom Meeting 1	Zoom Meeting 2	Zoom Meeting 3
1:30pm-2:00pm	Mingling/Collaboration Space <i>Gather.town</i>		
2:00pm-3pm	The Waist Inequality and Positive Scalar Curvature <i>Davi Maximo</i> Zoom Meeting 4		
3:00pm-3:30pm	Coffee/Tea Break <i>Gather.town</i>		
3:30pm-4:00pm	Big Pure Mapping Class Groups are Never Perfect <i>George Domat</i>	Operads, ∞ -Categories, and Dendroidal Sets (†) <i>Elijah Gunther</i>	Unknotting 2-Knots with Finger- and Whitney Moves <i>Benjamin Matthias Ruppik</i>
4:10pm-4:40pm	Expansion-Contraction Dynamics for Non-Strictly Convex Projective Manifolds <i>Theodore Weisman</i>	Differential Essential Dimension <i>Man Cheung Tsui</i>	3D Mirror Symmetry and the Combinatorics of Cherkis Bow Varieties <i>Yiyan Shou</i>
4:50pm-5:20pm	Scaled Homology and Topological Entropy <i>Zihao Liu</i>	Rigidity of the Automorphism Group of a Universal Coxeter Group <i>Yassine Guerch</i>	Finite Quotients of Triangle Groups <i>Frankie Chan</i>
6pm-7:00pm	Social Activity Zoom Trivia Game Zoom Meeting 4		

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Saturday			
	Zoom Meeting 1	Zoom Meeting 2	Zoom Meeting 3
10:00am – 10:30am	Mingling/Collaboration Space <i>Gather.town</i>		

10:30am – 11:30am	Tropical Geometry and Tropical Schemes <i>Diane Maclagan</i> Zoom Meeting 4		
11:30am – 11:50pm	Coffee/Tea Break <i>Gather.town</i>		
11:50am – 12:20pm	Kähler Groups and Finitely Generated Groups Acting on Trees <i>Francisco Nicolás Cardona</i>	Dieudonné Theory via Stacks <i>Shubhodip Mondal</i>	Minimal Models of Character Varieties (†) <i>Yi Wang</i>
12:30pm – 1:00pm	Projective Complex Fenchel-Nielsen Coordinates (†) <i>Rodrigo Dávila Figueroa</i>	Gerstenhaber Bracket on Hopf Algebra Cohomology <i>Tekin Karadag</i>	Structures of Optimal Allowable Sequences and their Corresponding Configurations Outside General Position <i>Rimma Hamalainen</i>
1:00pm – 2:00pm	Lunch Break <i>Gather.town</i>		
2:00pm – 2:30pm	Fekete Polynomials, Quadratic Residues, and Arithmetic <i>Tung Nguyen</i>	Some Quantum Symmetries of Path Algebras <i>Amrei Oswald</i>	Group Trisections and Smoothly Knotted Surfaces <i>Sarah Blackwell</i>
2:40pm – 3:10pm	The Ordered Configuration Space of a Once-Punctured Torus and Secondary Representation Stability <i>Nicholas Wawrykow</i>	Rank Growth of Elliptic Curves in S_4 Quartic Extensions <i>Daniel Keliher</i>	Poncelet Polygons and Some Invariants <i>Ana Chavez Caliz</i>
3:20pm – 3:50pm	Skew Lines on a Cubic Threefold <i>Yilong Zhang</i>	The Images of Polynomials Evaluated Over Matrices <i>Emily Hoopes-Boyd</i>	Invariance of Knot Lattice Homology <i>Seppo Niemi-Colvin</i>
3:50pm – 4:20pm	Coffee/Tea Break <i>Gather.town</i>		
4:20pm – 5:20pm	When are Links Weakly Concordant to Boundary Links <i>Shelly Harvey</i> Zoom Meeting 4		
6:00pm-7:00pm	Social Activities <i>Gather.town (Lounge)</i>		

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<h2>Sunday</h2>			
	Zoom Meeting 1	Zoom Meeting 2	Zoom Meeting 3
10:00am – 10:30am	Mingling/Collaboration Space <i>Gather.town</i>		

10:30am – 11:00am	The Conley Index for Discrete Dynamical Systems (t) <i>Isabella Alvarenga</i>	Constructing Proper Affine Actions <i>Neza Zager Korenjak</i>	Botany Questions in Knot Floer Homology <i>Fraser Binns</i>
11:10am – 11:40am	A Polytopal Decomposition of Strata of Translation Surfaces <i>Bradley Zykoski</i>	Reducedness of Unramified Algebras over Fields <i>Alapan Mukhopadhyay</i>	Cusps of Hyperbolic 4-Manifolds <i>Connor Sell</i>
11:50am – 12:20pm	QI Rigidity of Lattice Products <i>Josiah Oh</i>	Schur Multipliers and Second Quandle Homology <i>Dionne Ibarra</i>	Infinitely Many Knots with Non-Integral Trace <i>Nicholas Rouse</i>
12:20pm – 1:30pm	Lunch Break <i>Gather.town</i>		
1:30pm – 2:30pm	Moderated Breakout Room Discussions What can we do to make the math world more diverse, equitable and inclusive? <i>Moira Chas</i> Applying to Academic Jobs, <i>Diane Maclagan</i> Postdoctoral Research Positions, <i>Michelle Chu</i> Applying to and Working at Liberal Arts Colleges, <i>Christian Millichap</i> Mathematics Outreach Programs, <i>Mona Merling</i> <i>Zoom Meeting 4, Breakout rooms</i>		
2:30pm – 3:00pm	Coffee/Tea Break <i>Gather.town</i>		
3:00pm-4:00pm	Lie Algebras Related to Curves on Surfaces <i>Moira Chas</i> <i>Zoom Meeting 4</i>		
4:00pm-4:05pm	Closing Remarks		
4:05pm-6pm	Mingling/Collaboration Space <i>Gather.town</i>		