(2023) GTA: Philadelphia – Conference Schedule
Please note: All times are given in EDT

Talks marked with a dagger (†) indicate expository talks

Friday, May 26th			
	SERC 110A	SERC 110B	SERC 116
12:00pm – 2:00pm	Registration *SERC Lobby*		
2:00pm – 2:05pm	Welcome and Announcements		
2:05pm – 3:05pm	Knots, Groups, and 3-manifolds *Jennifer Hom* *SERC 116* *Zoom Meeting ID:* TBA		
3:05pm – 3:35pm	Coffee/Tea Break *SERC Lobby*		
3:35pm – 4:05pm	Compactifying rank-one Weyl-parallel manifolds *Ivo Terek*	Volumes of Jacobians and Pryms (†) *Junaid Hasan*	A variant of Mom technology for hyperbolic multi-cusped manifolds *Joye Chen*
4:15pm – 4:45pm	The Hot Spots Conjecture for hyperbolic triangles *Lawford Hatcher*	On the cohomological dimension of group homomorphisms *Aditya De Saha*	Hierarchically hyperbolic groups (†) *Zhihao Mu*

Talks marked with a dagger (†) indicate expository talks

Saturday, May 27th

	SERC 110A	SERC 110B	SERC 116	SERC 108A
9:00am – 9:30am	Breakfast *SERC Lobby*			
9:30am – 9:35am	Announcements			
9:35am – 10:35am	TBA *Craig Sutton* *SERC 116* *Zoom Meeting ID:* TBA			
10:35am – 11:05am	Coffee/Tea Break *SERC Lobby*			
11:05am – 12:05pm	Panel on Diversity, Inclusion, and Justice in Mathematics *Claudio Gomez-Gonzales, Timm Jones, Nicole Zalewski* *SERC 116* *Zoom Meeting ID:* TBA			
12:05pm – 1:40pm	Lunch Break *SERC Lobby*			
1:40pm – 2:10pm	Some conditions for non-trivial Z_p-extensions of imaginary quadratic fields *Christopher Stokes*	Bounds on the Cross-Cap Number (non-orientable genus) of links *Rob McConkey*	Homological representations of low genus mapping class groups *Trent Lucas*	Boundary behavior of geodesics in asymptotically symmetric spaces *Achinta Nandi*
2:20pm – 2:50pm	Successive minima of lattices of cusp forms *Souparna Purohit*	Geometric representatives for homology *Spencer Cattalani*	The SL(2,**C**) character variety of a hyperbolic 3-manifold (†) *Iris Rosenblum-Sellers*	Non-existence of Hölder embeddings into the Heisenberg Group (†) *Yizhou Zeng*
3:00pm – 3:30pm	Iwasawa λ invariant and Massey product *Peikai Qi*	The LS-category of group homomorphisms *Nursultan Kuanyshov*	Geometry of Selberg's bisectors in the symmetric space SL(n,**R**)/SO(n,**R**) *Yukun Du*	Periodic points of Veech surfaces *Sam Freedman*
3:30pm – 4:00pm	Coffee/Tea Break *SERC Lobby*			
4:00pm – 5:00pm	Geometric structures associated to higher-rank Anosov representations *Sara Maloni* *SERC 116* *Zoom Meeting ID:* TBA			
6:00pm –	Banquet *Cherry Street Pier* *121 North Columbus Boulevard, Philadelphia, PA 19106*			

Talks marked with a dagger (†) indicate expository talks

	Sunday, May 28th			
	SERC 110A	SERC 110B	SERC 116	SERC 108A
9:00am – 9:30am	Breakfast *SERC Lobby*			
9:30am – 9:35am	Announcements			
9:35am – 10:35am	TBA *John Voight* SERC 116 *Zoom Meeting ID:* TBA			
10:35am – 11:05am	Coffee/Tea Break *SERC Lobby*			
11:05am – 11:35am	Almost strong approximation in algebraic tori *Wojciech Tralle*	Flattened Stirling permutations and type B set partitions *Kimberly Harry*	Relatively hyperbolic and acylindrically hyperbolic Dehn fillings *(†)* *Ping Wan*	Esquisses des quelques programmes *James Myer*
11:45am – 12:15pm	Computing cohomology of singular K3 surfaces *Steppan Konoplev*	Fox Coloring Group and Alexander-Burau-Fox Module of Wheel Graphs *Anthony Christiana*	Special cube complexes embed in RAAGs *(†)* *Pratit Goswami*	Einstein's Field Equations vs Constraint Equations *(†)* *Siddiqur Rahman*
12:25pm – 12:55pm	Lefschetz fixed point theorem on stratified pseudomanifolds *Gayana Jayasinghe*	The Min-Oo Conjecture, Toponogov's Theorem, and Almost Rigidity Problems *Hunter Stufflebeam*	Minimizing denominators and geometric generalizations *Albert Artiles*	The non-existence of geometric connected sums of conformally flat Lorentzian manifolds *Geoffrey Sangston*
12:55pm – 2:30pm	Lunch *SERC Lobby*			