

Knots in Washington 49.96875 Dec 8-10, 2023

In memory of Professor Richard Litherland

(Aug 30, 1953 - Dec 18th, 2022)

Friday Dec 8 Rome Hall 204

TIME	TALK TITLE	SPEAKER	Remarks
3:00– 3:05	Opening remarks	Jozef H. Przytycki	
3:05 – 4:00	Topics in foam evaluation	Mikhail Khovanov (Johns Hopkins University; Columbia University)	
4:00– 4:20	<i>Coffee Break</i>		
4:20 – 4:40	Latin dihedral sets and sets with triality	Alex Nowak (Howard University)	
4:40-4:50	<i>Coffee Break</i>		
4:50-5:30	The Functoriality of Odd Khovanov Homology up to Sign	Jacob Migdail-Smith (Syracuse University)	Distinguished Graduate Speaker
5:30-5:50	<i>Coffee Break (and 1st conference Picture)</i>		
5:50-6:10	Universal Construction, one-dimensional cobordisms with defects, and pseudocharacters	Mee Seong Im (USNA)	

In case you're interested...

GW Jazz Orchestra, Morton Auditorium, 7:00pm-8:30pm,

Free Admission

Saturday Dec 9 Rome Hall 204

TIME	TALK TITLE	SPEAKER	Remarks
9:30 – 10:00	<i>Breakfast</i>		
10:00 – 11:00	Rick Litherland: A Brief Biography	Sam Nelson & Steven Wallace (Claremont McKenna, Georgia State)	zoom
11:00 – 11:20	<i>Coffee Break</i>		
11:20 - 12:10	From Graph Coloring to MultiVirtual Knot Theory	Louis Kauffman (UIC)	zoom
12:10 - 2:00	LUNCH - Pizza Provided		
2:00 – 2:20	Instanton homology and knot detection on thickened surfaces	Boyu Zhang (Maryland University)	
2:20 - 2:30	<i>Coffee Break</i>		
2:30 - 2:50	Decomposition of persistent homology and spectral sequences	Yingfeng Hu & Peiqi Yang (GWU)	
2:50 – 3:00	<i>Coffee Break</i>		
3:00 – 3:40	Annular link homology via foam evaluation with defects	Mikhail Khovanov (Johns Hopkins University; Columbia University)	
3:40 – 4:00	<i>Coffee Break (and 2nd conference photo)</i>		
4:00 - 4:20	The commensurability classes of right-angled links in thickened surfaces.	Rose Kaplan-Kelly (George Mason University)	
4:20 - 4:30	<i>Coffee Break</i>		
4:30- 4:50	The Application of Topology to Quantum Systems	Samuel Lomonaco	
4:50 - 5:00	<i>Coffee Break</i>		
5:00 - 5:20	A tutorial on edge-coloring geometric graphs	Paul Kainen (Georgetown University)	

5:20 - 5:30	<i>Coffee Break</i>		
5:30-5:50	Geometric Parameters of Bipartite Suspensions	Samuel Joslin (Georgetown University)	
5:50-6:00	<i>Coffee Break</i>		
6:00-6:20	A useful tangle and unknotting theta-curves	Danielle O'Donnol (Marymount University)	
~7:30 -	<i>Party at Jozef & Teresa's House(Likely)</i>		

Sunday Dec 10 Rome Hall 204

TIME	TALK TITLE	SPEAKER	Remarks
9:30-10:00	<i>Breakfast</i>		
10:00 – 10:50	Quandle Coloring Quivers and their Generalizations	Sam Nelson (Claremont McKenna)	
10:50 - 11:00	<i>Coffee Break</i>		
11:10-11:30	The curious case of S^1 times S^2 and the skein module of its connected sum	Rhea Palak Bakshi (ETH Institute for Theoretical Studies)	
11:30 - 11:40	<i>Coffee Break</i>		
11:40 - 12:00	Deformations of Generalized Torus Knot Groups	Sean Lawton (George Mason University)	
12:00 - 1:30	LUNCH - Pizza Provided		

Room Change to Rome Hall 205

1:30-1:50	Quandles are Complicated	Henry Klatt (GWU)	
1:50-2:00	<i>Coffee Break</i>		
2:00 - 2:50	Cluster Algebras	Christian Zickert (Maryland University)	
2:50-3:00	<i>Coffee Break</i>		
3:00-3:20	Knot invariants using virtual biquandles	Singh Manpreet (University of South Florida)	
3:20-3:30	<i>Coffee Break</i>		
3:30-3:50	Stick number of spatial graphs	Puttipong Pongtanapaisan (Arizona State University)	
3:50-4:00	<i>Coffee Break</i>		
4:00-4:20	Gravitational Lensing	Maguire, Ryan (Dartmouth College)	
4:20-4:30	<i>Coffee Break</i>		
4:30-4:50	TBA	TBA	
4:50-5:00	<i>Coffee Break</i>		
5:00-5:20	TBA	TBA	