

Knots in Washington 49.875 Dec 9-11, 2022.

Devoted to the memory of Wilbur C. Whitten (1931-2022)

Friday Dec 9 (EST) Phillips Hall B152

TIME	TALK TITLE	SPEAKER	Remarks
3:00– 3:05	Opening remarks	Jozef H. Przytycki	
3:05 – 4:05	Orders on magmas, their spaces, and complexity	Valentina Harizanov (GWU)	
4:05– 4:25	<i>Coffee Break</i>		
4:25 – 4:45	Entropy rigidity for convex real projective manifolds	Harry Bray (George Mason University)	
4:45-5:00	<i>Coffee Break</i>		
5:00–5:50	Milnor's invariants in 3 and 4 dimensions, and rectangles inscribed in links	Slava Krushkal (University of Virginia)	
5:50– 6:00	<i>Coffee Break</i>		
6:00– 6:20	TBA	TBA	

Saturday Dec 10 (EST) Phillips Hall B152

TIME	TALK TITLE	SPEAKER	Remarks
9:30 – 10:00	<i>Breakfast</i>		
10:00 – 10:40	A New Gauge-Theoretic Construction of 4-Dimensional Hyperkähler ALE Spaces	Jiajun, Yan (University of Virginia) (Distinguished Graduate Student Talk) (Advisor: Thomas Mark)	
10:40 – 11:10	<i>Coffee Break</i>		
11:10-11:30	Flawed Groups	Sean Lawton (George Mason University)	
11:30-11:40	<i>Coffee Break</i>		
11:40 – 12:30	From a topological theory via defects to automata and representation theory	Mee Seong Im (United States Naval Academy)	
12:30 – 2:00	LUNCH Pizza Provided		
2:00 – 2:50	More stories from the universal construction I	Mikhail Khovanov (Columbia University)	
2:50 – 3:10	<i>Coffee Break</i>		
3:10- 3:30	Geometric foundation for virtual knot theory	Micah Chrisman (The Ohio State University)	
3:30-4:00	<i>Coffee Break</i>		
4:00 – 4:50	First order rigidity of homeomorphism groups of manifolds	Thomas M Koberda (University of Virginia)	
4:50-5:00	<i>Coffee Break</i>		
5:00 – 5:50	Mock Alexander Polynomials, Knotoids and Virtual Knots	Louis H Kauffman (UIC)	Online
7:00 - ??	Jozef's party		

Sunday Dec 11, 2022 (EST) Phillips B152

TIME	TALK TITLE	SPEAKER	Remarks
9:30-10:00	<i>Breakfast</i>		
10:00 – 10:50	More stories from the universal construction II	Mikhail Khovanov (Columbia University)	
10:50 – 11:10	<i>Coffee Break</i>		
11:10 – 11:30	Geometric thickness of graphs: Variants and Extensions	Paul Kainen (Georgetown University)	
11:30-11:40	<i>Coffee Break</i>		
11:40 - 12:30	Skein modules and categorification	Rhea Palak Bakshi (Institute for Theoretical Studies at ETH Zurich) (Distinguished postdoctoral Talk)	
12:30-12:40	<i>Coffee Break</i>		
12:40 - 1:30	TBA	TBA	
1:20 -	LUNCH Pizza Provided		