

Knots in Washington 49.9375 April 25, 2023.

Friday April 25 (EST) Rome Hall 206

TIME	TALK TITLE	SPEAKER	Remarks
3:00– 3:05	Opening remarks	Jozef H. Przytycki	
3:05 – 3:35	Effective Ultrapowers of Directed Pseudoforests	Keshav Srinivasan (George Washington University)	
3:35– 3:45	<i>Coffee Break</i>		
3:45 – 4:35	Comparative genomics meets topology: a novel view on genome median and halving problems	Max Alekseyev (George Washington University)	
4:35-5:00	<i>Coffee Break</i>		
5:00-5:40	Generalized Kauffman-Harary Conjecture	Huizheng Guo(Ali) (George Washington University) (Graduate Distinguished Student Talk)	

All participants are welcomed to the talk on Mayan Mathematical system given by Dr. Hakim Walker (Harvard University) in Fungler Hall, 2201 G street, Room 108. The talk starts at 6:30 pm on Friday.

Saturday April 26 (EST) Rome Hall 206

TIME	TALK TITLE	SPEAKER	Remarks
9:30 – 10:00	<i>Breakfast</i>		
10:00 – 10:50	Circular Orderings on Quandles	Mohamed Elhamdadi (University of South Florida)	
10:50 – 11:10	<i>Coffee Break</i>		
11:10 – 11:40	Enhancement of Quandle 2-cocycles using quandle rings	Dipali Swain (University of South Florida)	
11:40 – 12:00	<i>Coffee Break</i>		
12:00 – 12:40	Biquandle Arrow Weights	Sam Nelson (Claremont McKenna College)	
12:40 – 2:00	LUNCH Pizza Provided		
2:00 – 2:30	Unknotting number one theta-curves are prime	Danielle O'Donnol (Marymount University)	
2:30 – 2:50	<i>Coffee Break</i>		
2:50 – 3:30	Construction Sequences for Graphs	Paul Kainen (Georgetown University)	
3:30 – 3:50	<i>Coffee Break</i>		
3:50 – 4:20	Fox Coloring Group of Wheel Diagrams	Anthony Christiana (George Washington University)	
4:20 – 4:30	<i>Coffee Break</i>		
4:30 – 5:20	On skein modules of rational homology spheres	Adem Sikora (SUNY, Buffalo)	
5:20 – 5:40	<i>Coffee Break</i>		
5:40 – 6:00	TBA	TBA	
6:00 -	<i>Dinner for Conference in D.C</i>		

Sunday April 27 (EST) Rome Hall 204

TIME	TALK TITLE	SPEAKER	Remarks
9:30-10:00	<i>Breakfast</i>		
10:00 - 10:30	Numerical Experiments on the Khovanov Homology of Twist Knots	Ryan Maguire (Dartmouth College)	
10:30 - 11:00	<i>Coffee Break</i>		
11:00 - 11:30	Mathematics of Mathethons at GWU	Jozef H. Przytycki	
11:30 - 11:50	<i>Coffee Break</i>		
11:50 - 12:40		Mikhail Khovanov (Columbia University)	
12:40 - 2:00	LUNCH Pizza Provided		
2:00 - 3:00	From Colorings to Virtual Knots and Back	Louis H. Kauffman (UIC) Online	