

Knots in Washington 49.984375 April 26-28, 2024

40 Years of the Jones Polynomial

Friday April 26 Rome Hall 209

TIME	TALK TITLE	SPEAKER	Remarks
2:30 – 3:00	<i>Coffee and snacks</i>		
3:00 – 3:10	Opening remarks	Jozef H. Przytycki	
3:10 – 4:00	Skein Modules from Crossing Changes	Uwe Kaiser (Boise State University)	
4:00– 4:20	<i>Coffee Break</i>		
4:20 – 4:40	One Cardinal, Two Cardinals	Philip White (GWU)	
4:40-4:50	<i>Coffee Break</i>		
4:50-5:10	Local Ropelength Minima and Gordian Unlinks	Friedrich Bauermeister (Dartmouth College)	
5:10-5:20	<i>Coffee Break (and 1st conference Picture)</i>		
5:20-5:40	Mathathon 8: From the Kauffman and Dubrovnik Polynomials to Cubic Skein Modules and Beyond	Jozef H. Przytycki (GWU)	
5:40-5:50	<i>Coffee Break</i>		
5:50-6:30	Cubic Skein Modules of Rational and Pretzel Links	Anthony Christiana (GWU)	Distinguished Graduate Student Speaker

Saturday April 27 Rome Hall 209

TIME	TALK TITLE	SPEAKER	Remarks
9:30 – 10:00	<i>Breakfast</i>		
10:00 – 10:50	The Smooth Closing Lemma for Area-Preserving Diffeomorphisms of Surfaces	Boyu Zhang (University of Maryland)	Available also on zoom
10:50 – 11:10	<i>Coffee Break</i>		
11:10 – 11:30	On Cohesive Powers of Vector Spaces	Rumen Dimitrov (Western Illinois University)	
11:30 – 11:40	<i>Coffee Break</i>		
11:40 – 12:00	Diagrammatics of Entropy and Infinitesimal Dilogarithms	Mee Seong Im (USNA)	
12:00 – 2:00	LUNCH - Pizza Provided		
2:00 – 2:50	Quantum 6j Symbols and Generalized Hyperbolic Tetrahedra	Tian Yang (Texas A&M University)	
2:50 – 3:10	<i>Coffee Break (and 2nd conference photo)</i>		
3:10 – 3:30	New Minor Minimally Intrinsically 3-linked Graphs	Danielle O'Donnol (Marymount University)	
3:30 – 3:40	<i>Coffee Break</i>		
3:40 – 4:00	From GKH to Incompressible Surface	Huizheng(Ali) Guo (GWU)	
4:00 – 4:10	<i>Coffee Break</i>		
4:10 – 4:30	Darkroom Numbers and Darkroom Sequences	Peter Ulrickson (CUA)	
4:30 – 4:40	<i>Coffee Break</i>		
4:40 – 5:00	On the colored Jones polynomials of strong band sums of links	Uwe Kaiser (Boise State University)	

5:00 – 5:10	<i>Coffee Break</i>		
5:10 – 5:30	Biquandle Invariants of Nonclassical Knotted Objects	Puttipong Pongtanipaisan (Arizona State University)	
5:30 – 5:40	<i>Coffee Break</i>		
5:40 – 6:00	TBA	TBA	
~7:30 –	<i>Potential Conference Dinner (Location: TBA)</i>		

Sunday April 28 Rome Hall 209

TIME	TALK TITLE	SPEAKER	Remarks
9:30 – 10:00	<i>Breakfast</i>		
10:00 – 10:20	Character Varieties and Knot Contact Homology	Christopher Cornwell (Towson University)	
10:20 – 10:30	<i>Coffee Break</i>		
10:30 – 10:50	A 0-1 Law for Horoball Packings of Coarsely Hyperbolic Metric Spaces and Applications to Cusp Excursion	Harry Bray (GMU)	
10:50 – 11:00	<i>Coffee Break</i>		
11:00 – 11:20	Three-Colored Graphs at the Intersection of Bio- and Quantum Informatics	Max Alekseyev (GWU)	
11:20 – 11:40	<i>Coffee Break, pizza</i>		
11:40 – 12:30	Mock Alexander Polynomials	Louis H. Kauffman (UIC)	Talk given on zoom
12:30 – 12:50	<i>Coffee Break</i>		
12:50 – 1:10	Dynamics on the $SU(2,1)$ -Character Variety of the One-Holed Torus	Sean Lawton (GMU)	
1:10 – 1:20	<i>Coffee Break</i>		
1:20 – 1:40	Bipartite Circulant Graphs are Dispersable	Paul Kainen (Georgetown University)	

Join us after Sunday's talks for a guided tour of the [Smithsonian's exhibit on German Expressionism](#) led by Professor Paul Kainen

