

KNOTS IN WASHINGTON XLV

SCHEDULE OF TALKS

Friday December 8, 2017

Rome Hall, Room 204, 801 22nd Street

1:00 – 2:00	Louis H. Kauffman (University of Illinois, Chicago)	Knotoids, Virtual Knots and Applications
2:00 – 2:20	Coffee break	
2:20 – 2:45	Zhiyun Cheng (Beijing Normal University)	Chord index and its applications in virtual knot theory
2:55 – 3:20	Marithania Silvero (Institute of Mathematics of the Polish Academy of Sciences)	Semiadequate links and second to extreme Khovanov homology
3:30 – 4:20	Michael Abel (Duke University)	Colored Khovanov-Rozansky homology of infinite braids
4:20 – 4:40	Coffee break	
4:40 – 5:05	Trang Ha (GWU)	Order Relations on Computable Magmas
5:15 – 5:40	Sam Nelson (Claremont McKenna College)	Psyquandles, Singular Knots and Pseudoknots
5:50 – 6:15	Louis H. Kauffman (University of Illinois, Chicago)	Signed Cyclic Graphs, Checkerboards and Virtual Links
6:25 – 6:50	TBA	

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SCHEDULE OF TALKS

Saturday December 9, 2017

Rome Hall, Room 204, 801 22nd Street

9:30 – 10:00	Coffee and Breakfast	
10:00 – 10:50	Mikhail Khovanov (Columbia University)	Categorification of integers with two inverted
10:50 – 11:10	Coffee break	
11:10 – 11:35	Slava Krushkal (University of Virginia)	Applications of TQFT to the structure of the Yamada and flow polynomials
11:45 – 12:25	Xiao Wang (GWU)	Torsion in Khovanov Homology and links with smoothing number one
12:35 – 1:00	Hee Jung Kim (Seoul National University)	1-stable equivalence of knotted surfaces in 4-manifolds
1:00 – 2:30	Pizza lunch provided by the organizers	
2:30 – 3:20	J. Scott Carter (University of South Alabama)	A prismatic classifying space
3:35 – 4:00	Patricia Cahn (Smith College)	Ribbon Obstructions and Singular Branched Covers of Four-Manifolds
4:00 – 4:20	Coffee break	
4:20 – 4:45	Huan Vo (University of Toronto)	On meta-monoids and the Alexander polynomial
4:55 – 5:20	Joanna Kania-Bartoszyńska (National Science Foundation)	Unicity for Representations of the Kauffman Bracket Skein Algebra
5:20 – 5:40	Coffee break	
5:40 – 6:05	Samuel J. Lomonaco (University of Maryland, Baltimore County)	The search for simplicity in higher dimensional knot theory
6:15 – 6:40	Joel Brewster Lewis (GWU)	Circuits and Hurwitz action in finite root systems
7:30	Small party at Teresa and Józef's house	

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SCHEDULE OF TALKS

Sunday December 10, 2017

Rome Hall, Room 204, 801 22nd Street

9:30 – 10:00	Coffee and Breakfast	
10:00 – 10:50	Krzysztof Putyra (University of Zürich)	Quantization of the annular Khovanov homology
10:50 – 11:10	Coffee break	
11:10 – 11:50	Melissa Zhang (Boston College)	A rank inequality for the annular Khovanov homology of 2-periodic links
12:00 – 12:25	Radmila Sazdanovic (North Carolina State University)	On factorization and chromatic graph homology
12:35 – 1:00	Vladimir Chernov (Dartmouth College)	Some Corollaries of Manturov's projection Theorem
1:00 – 2:30	Pizza lunch provided by the organizers	
2:30 – 2:55	Amanda Curtis (University of California, Santa Barbara/The Maderia School)	An introduction to spiders and projectors
3:05 – 3:30	Jonathan Schneider (Saint Xavier University)	Fiberwise isotopies of toral surfaces
3:30 – 3:50	Coffee break	
3:50 – 4:15	David Freund (Dartmouth College)	Complexity of Virtual Multistrings
4:25 – 4:50	Tomo Murao (Tsukuba University)	The tunnel number of handlebody-knots and G-families of biquandles
4:50	End of the conference	