

KNOTS IN WASHINGTON XLVIII

SCHEDULE OF TALKS

Friday May 10, 2019

Rome Hall, Room 205, 801 22nd Street NW

1:00 – 1:05	Opening remarks	
1:05 – 2:05	Krzysztof Putyra (University of Zürich, Switzerland)	Invariants of annular links from categorical traces
2:05 – 2:25	Coffee break	
2:25 – 3:10	Micah Chrisman (The Ohio State University)	The generalized Alexander polynomial and virtually slice knots
3:10 – 3:30	Coffee break	
3:30 – 4:30	Rhea Palak Bakshi (GWU)	Gram determinants motivated by knot theory
4:45 – 5:30	Dionne Kunkel (GWU)	The Gram determinant of type Mb

Saturday May 11, 2019 (morning)

Rome Hall, Room 205, 801 22nd Street NW

9:30 – 10:00	Coffee and Breakfast	
10:00 – 11:00	Krzysztof Putyra (University of Zürich, Switzerland)	An equivalence between $gl(2)$ -foams and Bar-Natan cobordisms
11:00 – 11:20	Coffee break	
11:20 – 11:50	Nicolas Petit (Oxford College of Emory Universit)	The affine index polynomial for virtual tangles
12:00 – 12:45	Ken Perko (325 Old Army Road, Scarsdale, New York)	A new look at some old knots
12:45 – 2:30	Pizza lunch provided by the organizers	

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Saturday May 11, 2019 (afternoon)
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2:30 – 3:30	Danielle O’Donnol (Marymount University)	Unknotting theta-curves and DNA replication
3:30 – 3:50	Coffee break	
3:50 – 4:35	Samuel Lomonaco (University of Maryland Baltimore County)	My ongoing struggle with quantum entanglement
4:45 – 5:30	Paul Kainen (Georgetown University)	On some problems in topology
5:30 – 5:45	Coffee break	
5:45 – 6:45	Joel Brewster Lewis (GWU)	Counting factorizations in complex reflection groups
7:30	Small party at Teresa and Józef’s house	

Sunday May 12, 2019
Rome Hall, Room 205, 801 22nd Street NW

9:30 – 10:00	Coffee and Breakfast	
10:00 – 11:00	Krzysztof Putyra (University of Zürich, Switzerland)	Colored quantum $gl(2)$ homology of links
11:00 – 11:20	Coffee break	
11:20 – 12:05	Alexander Shumakovitch (GWU)	Unified Khovanov homology, their properties and computations
12:15 – 1:00	Józef H. Przytycki (GWU)	Second quandle homology from Schur multiplier (the historical perspective)
1:00 – 2:30	Pizza lunch provided by the organizers	