

KNOTS IN WASHINGTON XXVIII SCHEDULE

Friday February 27, 2009

Rome Hall

801 22nd Street Room 352

After 4.30PM Room 204

1:00 – 2:00	Samuel Lomonaco (UMBC)	A Rosetta Stone for Quantum Computing
2:00 – 2:25	Coffee break	
2:25 – 3:15	Slava Krushkal	Graphs, links, and duality on surfaces
3:35 – 4:00	Jozef Przytycki	Domination of knots and the Jones polynomial
4:00 – 4:30	Coffee break	
4:30 – 5:25	Louis Kauffman (UIC)	Topological Quantum Information Theory I

Saturday, February 28, 2009

**Rome Hall
801 22nd Street Room 206**

10:00 – 10:30	Breakfast	
10:30 – 11:20	Louis Kauffman (UIC)	An Extended Bracket Polynomial for Virtual Knots
11:20 – 11:40	Coffee break	
11:40 – 12:05	Maciej Niebrzydowski	Homology operations on homology of quandles
12:15 – 12:40	Kouki Taniyama	Circle immersions that can be divided into two arc embeddings
12:45 – 2:00	Lunch, to be provided by the organizers	
2:00 – 2:50	Lorenzo Traldi (Lafayette College)	Abstract graphs associated to link diagrams
2:50 – 3:15	Coffee break	
3:15 – 3:40	Rama Mishra	Projective knots
3:50 – 4:15	Simone Suarez	Extended OC-TQFT
4:15 – 4:30	Coffee break	
4:30 – 4:55	Hao Wu	$sl(N)$ -homology for 1,2-colored links
5:05 – 5:30	Ryan Hoban	Configurations of Lagrangians in R^4
5:30 – 5:40	Coffee break	
5:40 – 6:05	Yongwu Rong	A Boolean equation related to the arc number of a chord diagram
7:00	Small party at Józef's house	

Sunday, March 1, 2009

Rome Hall
801 22nd Street Room 459

10:00 – 10:30	Breakfast	
10:30 – 11:20	Louis Kauffman (UIC)	Topological Quantum Information Theory II
11:20 – 11:50	Coffee break	
11:50 – 12:15	Ali Eskandarian	The Einstein-Podolsky-Rosen paradox and quantum mysteries a la Mermin
12:25 – 12:50	Dragomir Saric	The mapping class group cannot be realized by homeomorphisms
12:50 – 2:00	Lunch, to be provided by the organizers	
2:00 – 2:50	Samuel Lomonaco (UMBC)	Quantum Knots and Lattices, or How Wiggle, Wag, and Tug Go Quantum
2:50–3:10	Coffee break	
3:10 – 3:35	Paul Kainen	Some remarks on the four-color problem
3:45 – 4:10	Melissa Macasieb	$SL_2(C)$ -Character Varieties of 2-bridge knots
4:15 – 4:40	Problem session	