KNOTS IN WASHINGTON XXX SCHEDULE

Wednesday May 19, 2010

Duques Hall 2201 G Street, entrance on 22nd Street Room 151

9:45 - 10:00	Coffee and refreshments	
10:00 - 10:05	Opening remarks by Vice President of GWU, Dianne Martin	
10:05 - 11:00	William Parke	Quantum Physics and Strings
11:00 - 11:30	Coffee break	
11:30 - 12:20	Tobias Hagge	Topological Quantum Computation and Topology in Quantum Computation
12:20 - 2:00	Pizza	
2:00 - 2:50	Samuel J. Lomonaco	Quantum Braids
3:00 - 3:25	Yongwu Rong	Computational complexity for topology and dynamics of boolean networks
3:25 - 3:55	Coffee break	
3:55 - 4:20	Hao Wu	Color and orientation in sl(N)-homology
4:30 - 4:55	Qingtao Chen	Orthogonal Quantum Group Invariants of Links
4:55 - 5:20	Coffee break	
5:20 - 5:45	Jennifer Hom	Bordered Heegaard Floer homology and the tau-invariant of cables
5:55 - 6:20	Radmila Sazdanović	SLarc algebra, bimodules and functors

Thursday May 20, 2010 Duques Hall 2201 G Street, entrance on 22nd Street Room 151

9:45 - 10:00	Coffee and refreshments	
10:00 - 10:50	J. Scott Carter	Categorical Quandles and Knots
10:50 - 11:10	Coffee break	
11:10 - 12:00	Masahico Saito	Knot invariants from categorical fundamental quandles
12:20 - 12:45	Maciej Niebrzydowski	Quandle invariants of spatial graphs
12:45 - 2:00	Pizza	
2:00 - 2:25	Naoko Kamada	Quandles and multivariable polynomial in- variants of twisted links
2:35 - 3:25	Seiichi Kamada	On quandles and biquandles related to twisted virtual links
3:25 - 3:55	Coffee break	
3:55 - 4:20	Sam Nelson	Blackboard biracks and their link invariants
4:30 - 4:55	Jessica Ceniceros	(t, s) racks and their knot invariants
4:55 - 5:20	Coffee break	
5:20 - 5:45	Yoshiro Yaguchi	The orbits of Hurwitz action on systems of braids
5:55 - 6:20	Jozef H. Przytycki	The second quandle homology of the Takasaki quandle of an odd order abelian group
7:30	Small party at Józef's house	

Friday May 21, 2010 Duques Hall 2201 G Street, entrance on 22nd Street Room 151

9:45 - 10:00	Coffee and refreshments	
10:00 - 10:50	Razvan Gelca	Non-abelian theta functions a la Andre Weil
10:50 - 11:10	Coffee break	
11:10 - 12:00	Patricia Cahn	A Generalization of the Turaev Cobracket for the Andersen-Mattes-Reshetikhin Algebra
12:20 - 12:45	Lowell Abrams	Towards a Classification of Cellular Automorphisms of Surfaces
12:45 - 2:00	Pizza	
2:00 - 2:50	Thomas Kerler	Integral TQFTs from Quantum Doubles, Gauge Equivariance, and Applications
2:50 - 3:00	Coffee break	
3:00 - 3:25	Matt Sequin	Comparing Invariants of 3-manifolds
3:35 - 4:00	Krzysztof Putyra	A 2-category of dotted cobordisms and a universal odd link homology