

KNOTS IN WASHINGTON XL PRELIMINARY SCHEDULE

Monday March 9, 2015

**White-Gravenor Hall, Georgetown University Room 202
37th and O St., N.W.**

9:30 – 9:55	Paul C. Kainen	Outer-surface drawings
10:00 – 10:50	Eugene Gorsky	Heegaard Floer homology of some L-space links
10:50 – 11:00	Coffee break	
11:00 – 11:50	Soojeng Kim	Application of tangle theory to DNA topology
12:00–12:25	Lowell Abrams	The Minimal Z_n -Symmetric Graphs That Are Not Z_n -Planar
12:25 – 2:00	Pizza provided by the organizers	
2:00 – 2:50	Sergey Aganezov	Scaffold assembly based on genome rearrangement analysis
3:00 – 3:25	Nikita Alexeev	Breakpoint graph: transposition rate
3:25 – 3:45	Coffee break	
3:45 – 4:10	Senja Barthel	Braided molecules
4:15 – 4:40	Paul C. Kainen	Topology in biology- history and prospects
4:45–5:35	Matthew Yancey	Bipartite communities

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Tuesday March 9, 2015
DUQUES Hall GWU Room 251
2201 G St. Street, NW

9:30 – 10:00	Coffee and refreshments	
10:00 – 10:50	Sergei Chmutov	Remembering Sergei Duzhin
10:50 – 11:05	Coffee break	
11:05 – 11:30	Carmen Caprau	A formula for the Dubrovnik polynomial of rational knots
11:40 – 12:05	Nicolas Petit	Finite-type invariants for virtual knots extending Goussarov-Polyak-Viro invariants
12:10 – 12:35	Kenneth A. Perko, Jr.	A Short History of Non-cyclic Knot Theory
12:35 – 2:00	Pizza provided by the organizers	
2:00 – 2:50	Adam Lowrance	Odd torsion in the Khovanov homology of semi-adequate links
2:50 – 3:10	Coffee break	
3:10 – 4:00	Marithania Silvero Casanova	On a conjecture of Louis H. Kauffman on alternating and pseudoalternating links
3:50 – 4:10	Coffee break	
4:10–4:35	Vajira Manathunga	A conjecture on amphicheiral knots
4:50–5:15	Michael Abel	Categorified Young antisymmetrizers and stable HOMFLYPT homology of torus links
5:25–5:50	TBA	

KNOTS IN WASHINGTON XL PRELIMINARY SCHEDULE

Wednesday March 11, 2015

DUQUES Hall GWU Room 251

2201 G St. Street, NW

9:30 – 10:00	Coffee and refreshments	
10:00 – 10:50	Ivan Dynnikov	Annuli with Legendrian boundary
10:50 – 11:05	Coffee break	
11:05 – 11:30	Jonathan Schneider	Satoh and Rourke's welded knots
11:40 – 12:05	Patricia Cahn	Knots transverse to a vector field
12:15 – 12:40	Rustam Sadykov	Virtual Legendrian Isotopy