## SCHEDULE for Knots in Washington XLVI

The talks take place in Media & Public Affairs Building 310 and 305, 805 21st Street, N.W. Washington, DC

12:30 - 1:00	Welcome and Coffee (MPA Building 310)					
1:00 - 1:05	Opening remarks by Alex Shumakovitch (MPA Building 310)					
1:05 - 2:00	Colloquium Talk by Stepan Orevkov (University of Toulouse, France), On real algebraic knots and links in RP <sup>3</sup> (MPA Building 310)					
2:00 - 2:20	Coffee break					
	Sess	ion 1 (MPA Building 310)	Session 2 (MPA Building 305)			
2:20 - 2:45	Sujoy Mukherjee	On odd torsion in even Khovanov homology	Paul Kainen	An Euler-type theorem for the 2-complex of cubes		
2:55 - 3:20	Dan Scofield	On the Jones polynomial via Khovanov and chromatic homology	Jie Chen	Obstructions of algebraic Gordian distance one		
3:20 - 3:40	Coffee break					
3:40 - 4:05	Victor Summers	Torsion in the Khovanov Homology of Closed 3-Braids	Zhongtao Wu	On Alexander polynomials of graphs		
4:15 - 4:40	Alex Chandler	Torsion in the Khovanov homology of 3-strand torus links				
4:40 - 5:00	Coffee break					
5:00 - 5:40	Pedro Vaz (Université Catholique de Louvain, Belgium),   2-Verma modules and the Khovanov-Rozansky link homologies, I (MPA Building 310)					
5:50 - 6:30	Grégoire Naisse (Université Catholique de Louvain, Belgium),   2-Verma modules and the Khovanov-Rozansky link homologies, II (MPA Building 310)					

SCHEDULE for Knots in Washington XLVI

Saturday, May 5, 2018

The talks take place in **Duques Hall 151** and **152**, 2201 G Street, N.W. Washington, DC

9:30 - 10:00	Breakfast					
10:00 - 10:50	Viatcheslav Kharlamov (University of Strasbourg and IRMA, France),   Little variations on the theme of counting real lines (Duques Hall 151)					
10:50 - 11:10	Coffee break					
	Session 1 (Duques Hall 151) Session 2 (Duques Hall		ssion 2 (Duques Hall 152)			
11:10 - 11:35	Sudipta Kolay	Lifting branched covers to braided embeddings	Micah Chrisman	Virtual Seifert Surfaces		
11:45 - 12:10	Nancy Scherich	An Application of Salem Numbers to Braid Group Representations	David Freund	Minimizing intersections points of flat virtual links		
12:20 - 12:45	Jerzy Kocik	Stern-Brocot-like trees, continued fractions, and topology	Nicolas Petit	Index polynomials for virtual tangles		
12:45 - 2:00	Lunch. Pizza is to be provided by the organizers					
2:00 - 2:50	Oleg Viro (Stony Brook University), Links in the projective space (Duques Hall 151)					
2:50 - 3:10	Coffee break					
	Sea	ssion 1 (Duques Hall 151)	Session 2 (Duques Hall 152)			
3:10 - 3:35	Patricia Cahn	Colored Tri-Plane Diagrams and Branched Covers of the Four-Sphere	Robin Gaudreau	Fully classifying virtual string links up to cobordisms		
3:45 - 4:10	Ken Perko	Looking at Linking Numbers	Puttipong Pongtanapaisan	Upper bounds on Virtual Bridge Numbers		
4:20 - 4:45	Slava Krushkal	Engel relations and 4-manifolds	Samuel Lomonaco	Quantum Knots Revisited		
4:45-5:00	Coffee break					
5:00 - 5:40	Maxim Prasolov (Moscow State University, Russia) for Ivan Dynnikov (Steklov Mathematical Institute, Moscow),Exchange classes of rectangular diagrams, Legendrian knots, and the knot symmetry group (Duques 151)					
5:50 - 6:30	Louis H. Kauffman (University of Illinois at Chicago), Virtual Link Cobordism (Duques Hall 151)					
7:30	Small party at Jozef's house					

## SCHEDULE for Knots in Washington XLVI

Sunday, May 6, 2018

The talks take place in **Duques Hall 151** and **152**, 2201 G Street, N.W. Washington, DC

9:30 - 10:00	Breakfast					
10:00 - 10:50	Ilia Itenberg (Sorbonne University and Ecole Normale Superieure, France),   Finite real algebraic curves (Duques Hall 151)					
10:50 - 11:10	Coffee break					
	Ses	Session 1 (Duques Hall 151) Session 2 (Duques Hall 152)		ession 2 (Duques Hall 152)		
11:10 - 11:35	Adam Lowrance	Are almost alternating links semi-adequate?	Sam Nelson	Trace Digarams and Biquandle Brackets		
11:45 - 12:10	Nathan Dowlin	Relationships between quantum and Heegaard Floer Invariants	Seung Yeop Yang	Homology theory of non-degenerate involutive set-theoretic solutions to the Yang-Baxter equation		
12:20 - 12:45	Ben Cooper	Hall Algebras of Surfaces	Petr Vojtěchovský	Enumerating quandles and racks up to isomorphism		
12:45 - 2:00	Lunch. Pizza is to be provided by the organizers					
2:00 - 2:50	Johan Björklund (University of Gävle, Sweden), Real flexible knots and real symplectic knots (Duques Hall 151)					
2:50 - 3:10	Coffee break					
	Ses	ssion 1 (Duques Hall 151)	Session 2 (Duques Hall 152)			
3:10 - 3:35	Rhea Palak Bakshi	On the Kauffman bracket skein algebra of the thickened T-shirt	Maxim Prasolov	Basic moves of rectangular diagrams of surfaces		
3:45 - 4:10	Jesse S. F. Levitt	The Walks Model of the Color Jones Polynomial and some Applications				
4:10 - 4:25	Coffee break					
4:25 - 4:50	Jozef Przytycki (The George Washington University), Learning from the masters: four lessons from Oleg (Duques Hall 151)					