## KNOTS IN WASHINGTON XLIX

In memory of Mark Kidwell (1948–2019)

### Schedule of Talks

### Friday February 7, 2020 Rome Hall, Room 352, 801 22nd Street

2:00 - 2:05	Opening remarks		
2:05 - 3:00	Heather M. Russell (University of Richmond)	In praise of diagrams	
3:00 - 3:20	Coffee break		
3:20 - 3:35	Peggy Kidwell	Mark Kidwell	
3:45 - 4:35	Kerry M. Luse (Trinity Washington University)	Studying links with Mark E. Kidwell	
4:35 - 4:55	Coffee break		
4:55 - 5:00	Welcoming remarks by Evangeline J. Downie, Associate Dean of Research and Strategic Initiatives, CCAS		
5:00 - 5:25	Deborah J. Weeks (GWU)	Framing changes of links in 3-manifolds	
5:35 - 6:00	Gabriel Montoya-Vega (GWU)	Skein modules and framing changes of links in 3-manifolds.	

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### Schedule of Talks

### Saturday February 8, 2020 Rome Hall, Room 352, 801 22nd Street

$\boxed{9:30-10:00}$	Coffee and Breakfast		
10:00 - 11:00	Mikhail Khovanov (Columbia University)	SL(3) foams and Kronheimer-Mrowka theory	
11:00 - 11:20	Coffee break		
11:20 - 11:45	Marithania Silvero (Universidad de Huelva)	On the complexity of computing Khovanov homology	
12:00 - 12:40	Puttipong Pongtanapaisan (University of Iowa)	Homotopy type of disk complexes associated to bridge spheres for links	
12:40 - 2:15	Pizza lunch provided by the organizers		
2:15 - 3:05	Mikhail Khovanov (Columbia University)	Foam evaluation and its applications	
3:15 - 3:40	Dionne Kunkel (GWU)	Gram Determinants in knot theory	
3:40 - 4:00	Coffee break		
4:00 - 4:50	Petr Vojtěchovský (University of Denver)	Idempotent solutions of the Yang-Baxter equation	
5:00 - 5:25	Samuel Lomonaco (University of Maryland Baltimore County)	Reidemeister moves as simple homotopy moves	
5:25 - 5:45	Coffee break		
5:45 - 6:10	Paul C. Kainen (Georgetown University)	Eulerian theorems for $k$ -complexes	
6:20 - 6:45	Robin Koytcheff (University of Louisiana at Lafayette)	Spaces of knots in the solid torus and irreducible links in the 3-sphere	
7:30	Small party at Teresa and Józef's house		

# KNOTS IN WASHINGTON XLIX

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### Schedule of Talks

#### Sunday February 9, 2020 Rome Hall, Room 205, 801 22nd Street

9:30 - 10:00	Coffee and Breakfast		
10:00 - 11:00	Mikhail Khovanov (Columbia University)	Foam evaluation and its applications II	
11:00 - 11:20	Coffee break		
11:20 - 12:00	Rhea Palak Bakshi (GWU)	Skein modules through the ages	
12:10 - 12:50	Rostislav Akhmechet (University of Virginia)	Stable homotopy refinement of quantum annular homology	
12:50 - 2:15	Pizza lunch provided by the organizers		
2:15 - 3:05	Uwe Kaiser (Boise State University)	Kashaev invariant and Kauffman states	
3:15 - 3:40	Prasad Senesi (The Catholic University of America)	Highest-weight representations and global Weyl modules: from classical Lie algebras to Yangians	
3:40 - 4:00	Coffee break		
4:00 - 4:25	Dario Verta (GWU)	Algorithmic complexity of properties of structures	
4:35 - 5:00	Józef H. Przytycki (GWU)	The second homology of HOMFLYPT Yang-Baxter operators	
5:00	End of the conference		