

**SCHEDULE for Knots in Washington XLIV  
(Rome Hall 351)**

**Friday, April 28, 2017**

<b>12:30 – 1:00</b>	<b>Coffee break</b>
<b>1:00 – 1:05</b>	<b>Opening remarks by Yongwu Rong, Dean and Professor of Mathematics</b>
<b>1:05 – 2:00</b>	<b>Sergei Lando</b> (Higher School of Economics, Skolkovo Institute of Science and Technology) <b>Delta-matroids and Vassiliev invariants</b>
<b>2:00 – 2:20</b>	<b>Coffee break</b>
<b>2:20 – 3:10</b>	<b>Ivan Dynnikov</b> (Steklov Mathematical Institute) <b>Distinguishing Legendrian knots having trivial topological symmetry group</b>
<b>3:10 – 3:20</b>	<b>Coffee break</b>
<b>3:20 – 4:00</b>	<b>Maxim Prasolov</b> (Moscow State University) <b>Mirror diagrams and Legendrian equivalence</b>
<b>4:00 – 4:15</b>	<b>Coffee break</b>
<b>4:15– 4:40</b>	<b>Kerry M. Luse</b> (Trinity Washington University) <b>The Alexander Polynomial of a Rational Link</b>
<b>4:50 – 5:15</b>	<b>Rumen Dimitrov</b> (Western Illinois University) <b>Properties of Cohesive Powers</b>
<b>5:15 – 5:35</b>	<b>Coffee break</b>
<b>5:35 – 6:00</b>	<b>Paul C. Kainen</b> (Georgetown University) <b>Topology and commutativity of diagrams</b>
<b>6:05 – 6:30</b>	<b>Richard H. Hammack</b> (Virginia Commonwealth University) <b>Not every graph has a robust cycle basis</b>

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**Saturday, April 29, 2017**

<b>9:30 – 10:00</b>	<b>Breakfast</b>
<b>10:00 – 10:50</b>	<b>Patricia Cahn</b> (Smith College) <b>Irregular dihedral covers of the four-sphere and linking numbers in 3-manifolds</b>
<b>10:50 – 11:05</b>	<b>Coffee break</b>
<b>11:05– 11:30</b>	<b>Kenneth A. Perko, Jr.</b> (Uninstitutionalized ) <b>Topological Mythology</b>
<b>11:40 – 12:05</b>	<b>David Freund</b> (Dartmouth College) <b>Minimal Intersection Number of Flat Virtual Links</b>
<b>12:05 – 2:00</b>	<b>Lunch (Pizza provided by Organizers)</b>
<b>2:00 – 2:50</b>	<b>Ben Webster</b> (University of Virginia) <b>Knot invariants and Hecke correspondences</b>
<b>3:00 – 3:25</b>	<b>Sujoy Mukherjee</b> (George Washington University) <b>Lbo homology and Jones monoids</b>
<b>3:30 – 3:55</b>	<b>Samuel J. Lomonaco</b> (University of Maryland Baltimore County) <b>Reducing 4-D Knot Theory to 3-D knot Theory</b>
<b>3:55 – 4:10</b>	<b>Coffee break</b>
<b>4:10 – 4:35</b>	<b>Xiao Wang</b> (George Washington University) <b>Khovanov homology and knots and links with smoothing number one</b>
<b>4:40 – 5:05</b>	<b>Seung Yeop Yang</b> (George Washington University) <b>Torsion in Khovanov homology of twist deformations of torus links</b>
<b>5:05 – 5:20</b>	<b>Coffee break</b>
<b>5:20 – 5:45</b>	<b>Dan Scofield</b> (North Carolina State University) <b>Torsion in Khovanov link homology via chromatic graph cohomology</b>
<b>5:55 – 6:20</b>	<b>Jozef H. Przytycki</b> (George Washington University) <b>Almost extreme Khovanov homology of semi-adequate diagrams</b>
<b>7:30</b>	<b>Small party at Jozef's</b>

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**Sunday, April 30, 2017**

<b>9:30 – 10:00</b>	<b>Breakfast</b>
<b>10:00 – 10:40</b>	<b>Ziva Myer</b> (Bryn Mawr College) <b>A Product Structure on Generating Family Cohomology for Legendrian Submanifolds</b>
<b>10:40 – 10:55</b>	<b>Coffee break</b>
<b>10:55 – 11:20</b>	<b>Louis H. Kauffman</b> (University of Illinois at Chicago) <b>Revisiting an Extended Bracket Polynomial for Virtual Knots</b>
<b>11:35 – 12:00</b>	<b>Sergei Chmutov</b> (Ohio State University, Mansfield) <b>On the extended bracket polynomial for virtual knots and links</b>
<b>12:00 – 2:00</b>	<b>Lunch (Pizza provided by Organizers)</b>
<b>2:00 – 2:25</b>	<b>Lowell Abrams</b> ( George Washington University) <b>A family of self-trial ribbon graphs that are not self-dual</b>
<b>2:30 – 2:55</b>	<b>Elkaïoum Moutuou</b> (University of South Florida) <b>Representation theory for racks</b>
<b>2:55 – 3:10</b>	<b>Coffee break</b>
<b>3:10 – 3:35</b>	<b>Alex Chandler</b> (North Carolina State University) <b>A Categorification of the Vandermonde Determinant</b>
<b>3:40 – 4:05</b>	<b>Peter Ulrickson</b> (Catholic University of America) <b>Classification of the Endofunctors of the Algebraic Theories of Quandles and Racks</b>
<b>4:10 – 4:35</b>	<b>Michael Abel</b> (Duke University) <b>Colored Khovanov-Rozansky homology of infinite braids</b>