
CONTACT INFORMATION	<p>Mathematics Department University of Illinois at Urbana-Champaign 1409 W Green St. Urbana IL 61801</p> <p style="text-align: right;"><i>Phone:</i> 217-265-0883 <i>E-mail:</i> vesna@illinois.edu</p>
RESEARCH INTERESTS	Homotopy theory, derived algebraic geometry, arithmetic geometry
EMPLOYMENT	<p>University of Illinois at Urbana-Champaign Assistant Professor, August 2015 - present</p> <p>Max Planck Institute for Mathematics, Bonn, Germany Advanced Researcher, August 2014 - July 2015</p> <p>Mathematical Sciences Research Institute, Berkeley, California Viterbi Endowed Postdoctoral Scholar, Spring 2014 semester</p> <p>Massachusetts Institute of Technology, Cambridge, Massachusetts C.L.E. Moore Instructor, September 2011 - January 2014</p> <ul style="list-style-type: none"> • Mentors: Mark Behrens, Haynes Miller
EDUCATION	<p>Northwestern University, Evanston, Illinois Ph.D., Mathematics, June 2011; Thesis title <i>“Duality for topological modular forms”</i></p> <ul style="list-style-type: none"> • Adviser: Paul Goerss <p>M.S., Mathematics, December 2007</p> <p>American University in Bulgaria, Blagoevgrad, Bulgaria B.A., Mathematics, May, 2006 B.A., Computer Science, May 2006</p>
GRANTS AND AWARDS	<ul style="list-style-type: none"> - <i>UIUC Center for Advanced Study</i> <ul style="list-style-type: none"> • Beckman Fellowship 2018-2019 - <i>NSF Research grants</i> <ul style="list-style-type: none"> • “Chromatic and Arithmetic Duality,” DMS-1812122, 2018- 2021. Award amount \$234,386. • “Dualizing modules in algebra and geometry,” DMS-1307390 and DMS-1606479, 2013-2018. Award amount \$137,775. - <i>NSF Conference grants</i> <ul style="list-style-type: none"> • “Homotopy Theory: tools and applications,” DMS-1719242, 2017. Amount \$45,000. PI V.Stojanoska, co-PIs D.Davis, M.Johnson, C.Rezk. • “Conference on Derived Algebraic Geometry: Picard groups, Brauer groups, and twists,” DMS-1700795, 2017. Amount \$20,000. PI P.Goerss, co-PI V.Stojanoska. • “Midwest Topology Seminar,” DMS-1747457, 2017.t Amount \$30,000. PI P.Goerss, co-PIs M.Behrens, R.Bruner, D.Isaksen, V.Stojanoska.

- *AMS-Simons Travel Grant* 2011-2013
- *Best Doctoral Thesis Award* for the academic 2010-2011, Department of Mathematics, Northwestern University.
- *The Mathematical Association of America's Carl B. Allendoerfer Award*, with O. Stoytchev, for expository article *Touching the \mathbb{Z}_2 in three-dimensional rotations*, *Math.Mag.* 81 (2008), no. 5, 345-357.

- RECENT INVITED TALKS
- Introductory workshop of the “K-theory, Algebraic Cycles and Motivic Homotopy Theory” program at the Isaac Newton Institute, Cambridge UK, January 2020 (lecture series)
 - Homotopy Theory special session, AMS Fall Central Sectional Meeting, Madison WI, September 2019
 - Workshop “Descent and Chromatic Homotopy Theory,” Strasbourg, September 2019 (lecture series)
 - Conference “Equivariant Topology and Derived Algebra,” Trondheim Norway, July 2019
 - Conference “Elliptic Cohomology Days,” Urbana IL, June 2019
 - Commutative Algebra Seminar, University of Utah, April 2019
 - Conference “Derived algebraic geometry and its applications,” MSRI, March 2019
 - Conference “Connections for Women: Derived Algebraic Geometry, Birational Geometry and Moduli Spaces,” MSRI, January 2019
 - Topology Seminar, UIUC, May and December 2018
 - Conference “Derived Algebraic Geometry and Chromatic Homotopy Theory,” Isaac Newton Institute, Cambridge UK, September 2018
 - 33rd British Topology Meeting, The Open University, Milton Keynes UK, September 2018
 - Conference “Equivariant and motivic homotopy theory,” Isaac Newton Institute, August 2018
 - Research School “Homotopy Theory and Arithmetic Geometry: Motivic and Diophantine Aspects,” Imperial College London, July 2018
 - Workshop “Motivic Homotopy Groups of Spheres III,” Berlin, June 2018
 - Workshop “Chromatic Homotopy Theory Journey to the Frontier,” Colorado University Boulder, May 2018
 - Topology Seminar, MIT, May 2018
 - Masterclass: Tensor Triangular Geometry, University of Copenhagen, March 2018
 - Homotopy Theory in the Ecliptic, Reed College, August 2017
 - Mathematics Colloquium, Northwestern University, May 2017
 - Conference on invertible Objects and Duality in Derived Algebraic Geometry and Homotopy Theory, University of Regensburg, April 2017
 - Annual Meeting of the DFG-SPP 1786, University of Wuppertal, Germany, March 2017
 - Electronic Chromatic Theory Seminar, March 2017
 - Number Theory Seminar, University of Illinois at Urbana-Champaign, September 2016
 - Alpine Algebraic and Applied Topology Conference, Saas, Switzerland, August 2016
 - West Coast Algebraic Topology Summer School, University of Oregon, August 2016
 - Mathematics Colloquium, Reed College, April 2016
 - Mid-atlantic Topology Conference, Johns Hopkins University, March 2016
 - Cascade Topology Seminar, Portland State University, November 2015
 - Conference “Graduate Research Opportunities for Women”, Northwestern University October 2015

- SCIENTIFIC PROGRAMS PARTICIPATION
- *K-theory, Algebraic Cycles and Motivic Homotopy Theory*, at the Isaac Newton Institute for Mathematical Sciences, January - February 2020
 - *Derived Algebraic Geometry*, at the Mathematical Sciences Research Institute, January - March 2019
 - *Homotopy Harnessing Higher Structures*, at the Isaac Newton Institute for Mathematical Sciences, July - October 2018
 - *Homotopy theory, manifolds, and field theories*, at the Hausdorff Research Institute for Mathematics, May - July 2015
 - *Algebraic Topology*, at the Mathematical Sciences Research Institute, January - May 2014
- RECENT TEACHING EXPERIENCE
- Math 595 Nilpotence and Periodicity in Stable Homotopy Theory: Fall 2018
 - Math 526 Algebraic Topology II: Fall 2019, Fall 2017
 - Math 416 Abstract Linear Algebra - standard and honors sections: Fall 2019, Spring 2018, Fall 2017
 - Math 402 Non-Euclidean Geometry: Fall 2015, Fall 2016
 - Math 597 Reading Courses: every semester
- MENTORING
- Elizabeth Tatum, PhD student
 - Venkata Sai Bavisetty, PhD student
 - Dominic Culver, postdoc
 - Team leader for Women in Topology II (2016) and Women in Numbers III (2014)
- CONFERENCE ORGANIZING
- *Midwest Topology Seminar*, February 23, 2019, at the University of Illinois Urbana-Champaign. Co-organized with D.Culver, J.Heller, and C.Rezk.
 - *Mini-Workshop: Chromatic Phenomena and Duality in Homotopy Theory and Representation Theory*, March 4-10, 2018, at the Mathematisches Forschungsinstitut Oberwolfach, Germany. Co-organized with T.Barthel and H.Krause.
 - *Homotopy theory: tools and applications*, July 17-21, 2017, at the University of Illinois Urbana-Champaign. Co-organized with D.Davis, M.W.Johnson, and C.Rezk.
 - *Conference on invertible objects and duality in derived algebraic geometry and homotopy theory*, April 3-7, 2017, at the University of Regensburg, Germany. Co-organized with P.Goerss, A.Mathew, T.Nikolaus, and J.Noel.