

Harshit Yadav

CONTACT INFORMATION	<i>Work address</i> University of Illinois at Urbana-Champaign Department of Mathematics, 1409 W Green St Urbana, IL 61801, (217) 333-3350 <i>Phone</i> (217) 693-9656 <i>Email</i> yadav7@illinois.edu <i>Website</i> faculty.math.illinois.edu/~yadav7
PERSONAL INFORMATION	Birth date and location: November 13, 1995; Gurdaspur, Punjab, India Citizenship: India
EDUCATION	University of Illinois at Urbana-Champaign Since August 2017 Ph.D in Mathematics - Advisor: Professor Chelsea Walton - Research Interests: Representation theory, Hopf algebra, Tensor categories - GPA: 4/4 Indian Institue of Technology, Kanpur May 2017 Bachelor of Science, Mathematics - Cumulative Grade Point: 8.9/10
HONORS AND AWARDS	- Program Associate at MSRI (Jan-May 2020) for the semester long program on Quantum Symmetries - Secured All India Rank 1876 in IIT Advanced 2013. - Secured All India Rank 209 in JEE Mains 2013 among 1.65 million candidates. - Cleared the Regional Mathematics Olympiad. - Awarded the KVPY fellowship after securing All India Rank 142 among 200 thousand students.
PUBLICATIONS AND PREPRINTS	C. Robichaux, H. Yadav, A. Yong , "The ABCDs of Schubert calculus" In: <i>arxiv preprint</i> , arxiv:1906.03646. C. Robichaux, H. Yadav, A. Yong , "Equivariant cohomology, Schubert calculus, and edge labeled tableaux" In: <i>arxiv preprint</i> , arxiv:1908.11224.
UNDERGRADUATE RESEARCH INTERNSHIPS	Combinatorial Hopf algebras Summer 2016 <i>Prof. Jean-Christophe Novelli</i> <i>Laboratoire d'informatique, Institut Gaspard Monge, Université Paris-Est Marne-la-Vallée</i> The Saturation Conjecture October 2015 <i>Prof. Amritanshu Prasad, Institute of Mathematical Sciences, Chennai</i> Algebraic Graph Theory Summer 2015 <i>Prof. R. B. Bapat, Indian Statistical Institute, New Delhi</i>
TALKS	Tensor categories reading group November 2019 Frobenius Algebras and TFT reading group March, January 2019 Algebraic combinatorics class December 2018

TEACHING	University of Illinois at Urbana-Champaign	
	<i>Teaching Assistant</i> Math 241, Calculus 3: Fall 2017, Fall 2018, Spring 2019, Fall 2019 Math 231, Calculus 2: Spring 2018	
SERVICE	Co-organizer, Algebra-Geometry-Combinatorics Seminar, UIUC 2018-19 Co-organizer of the AGC seminar in Fall 2018 and Spring 2019.	
CONFERENCES AND SCHOOLS	Introductory Workshop: Quantum Symmetries	Feb 2020
	MSRI, Berkeley	
	Connections for Women: Quantum Symmetries	Jan 2020
	MSRI, Berkeley	
	Quasy-Con	November 2019
	UIUC	
	Quantum Symmetries summer school	June, July 2019
	Universidad de los Andes	
	OSU Summer research program on quantum symmetries	June 2019
	Ohio State University	
	ALGECOM 16	May 2019
	Loyola University	
	Combinatorics and beyond	November 2018
	University of Michigan	
	Representation Theory, Combinatorics, and Geometry	October 2018
	University of Virginia	
	Summer school in Algebraic group actions	June 2018
	McMaster University	
	OSU workshop on Schubert Calculus	May 2018
	Ohio State University	
	ALGECOM 16	March 2018
	University of Michigan	