Yongxiao Lin

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EDUCATION	**The Ohio State University**, Columbus, OH	Fall 2013– May 2018
	Ph.D., Mathematics	
	Thesis advisor: Roman Holowinsky	
	Thesis title: Subconvex bounds for twists of GL(3) L-functions	
EMPLOYMENT	**EPF Lausanne**, Switzerland	August 2018–
	Postdoc, Mentor: Philippe Michel	
RESEARCH INTERESTS	Analytic number theory, L-functions	
PUBLICATIONS AND PREPRINTS	*Triple correlations of Fourier coefficients of cusp forms.* Ramanujan J. 45 (2018), no. 3, 841–858. arxiv.org/abs/1607.02956	
	Bounds for twists of GL(3) *L-functions.* arxiv.org/abs/1802.05111	
	The Burgess bound via a trivial delta method. with K. Aggarwal, R. Holowinsky, and Q. Sun. arxiv.org/abs/1803.00542	
RESEARCH TALKS	*Bounds for twists of* GL(3) *L-functions* Eighth Annual Upstate Number Theory Conference, Buffalo, NY	Apr., 2018
	Bounds for twists of GL(3) *L-functions* Number theory seminar, Rutgers University	Mar., 2018
	Bounds for twists of GL(3) *L-functions* 32nd Automorphic Forms Workshop, Tufts University	Mar., 2018
	Hybrid subconvexity for twists of GL(3) *L-functions* Number theory seminar, OSU	Oct., 2017
	The subconvexity problem The MGSA Grad Student Seminar, OSU	Sep., 2017
	Triple correlations of Fourier coefficients of cusp forms Talk given at Holowinsky's topic course in *Number Theory*, OSU	Fall 2016
EXPOSITORY TALKS	*Delta symbol methods and their applications in bounding L-functions* Graduate number theory seminar, Rutgers University	Mar., 2018

	Titchmarsh's argument for bounding the Epstein zeta function The number theory student seminar, OSU	Feb., 2018
	Shifted convolution sums and the circle method (two lectures) Student ergodic theory and combinatorial number theory seminar, OSU	Oct., 2017
	Petersson delta method and selected applications The number theory student seminar, OSU	Oct., 2017
	Bourgain's Quantitative Oppenheim Theorem (three lectures) Student ergodic theory and combinatorial number theory seminar, OSU	Spring, 2016
SERVICE	Referee for *Journal of Number Theory*, *Journal de Théorie des Nombres de Bordeaux*	
	Peer Mentor to incoming PhD students Department of Mathematics, OSU (assisting annually one new graduate student to get adjusted to the department and the city), 2014–2017.	
CONFERENCES ATTENDED	Automorphic Forms and L-functions – A Conference in Celebration of Dorian Goldfeld's 71st Birthday (upcoming), Shandong University, Qingdao, China	Jun., 2018
	Hausdorff School: L-functions: Open Problems and Current Methods (upcoming), HCM, Bonn	Jun., 2018
	Eighth Annual Upstate Number Theory Conference (upcoming), Buffalo, NY	Apr., 2018
	32nd Automorphic Forms Workshop, Tufts University	Mar., 2018
	Workshop in Recent developments in Analytic Number Theory, MSRI	May, 2017
	Introductory Workshop: Analytic Number Theory, MSRI	Feb., 2017
	Harmonic Analysis And Geometry Of Fractal Sets, OSU	Feb., 2017
	Joint Mathematics Meetings, Atlanta, GA	Jan., 2017
	Analysis and Beyond: Celebrating Jean Bourgain's work and impact, IAS	May, 2016
	Workshop on Thin Groups and Super Approximation, IAS	Mar./Apr., 2016
	Midwest Dynamical Systems Meeting, OSU	Oct./Nov., 2015
	Illinois Number Theory Conference, University of Illinois, Urbana-Champaign in Urbana, IL	Aug., 2015
	Atkin Memorial Lecture and Workshop Expansion in Linear Groups, University of Illinois at Chicago	May, 2015
	Analysis, Spectra, and Number Theory, a conference in honour of Peter Sarnak on the occasion of his 61st birthday, Princeton University and IAS	Dec., 2014

Joint Mathematics Meetings, Baltimore, MD	Jan., 2014
Fields Medal Symposium, Arithmetic Dynamics in honor of Elon Lindenstrauss, Fields Institute	Sep./Oct., 2013
Fields Medal Symposium, Fundamentals of the Langlands Program in honor of Ngô Bào Châu, Fields Institute	Oct., 2012
AMS Fall Eastern Sectional Meeting, Rochester Institute of Technology	Sep., 2012
Noncommutative Geometry: Multiple Connections, OSU	May, 2012
Workshop on Cohomology of Shimura Varieties: Arithmetic Aspects and the Construction of Galois representations, the Fields Institute	Mar., 2012
Galois Representations, Shimura Varieties, and Automorphic Forms: A Workshop for Graduate Students and Postdoctoral Fellows, the Fields Institute.	Mar., 2012
CIMPA-UNESCO-SDU Research School on Automorphic forms and L-functions, Shandong University, Weihai, China	Aug., 2010

TEACHING EXPERIENCE

Graduate level

Abstract Algebra (three lectures as a substitue instructor) The Ohio State University	Spring 2017

Undergraduate level

Graduate teaching associate
The Ohio State University

○ Calculus III with differential equations	Fall 2017
○ Calculus III	Fall 2016
○ Calculus II	Spring & Fall 2015
○ Calculus I	Fall 2014

Grader University at Buffalo, the Ohio State University	Fall 2011–Spring 2014

HONORS AND AWARDS

Special Graduate Assignment, departmental fellowship The Ohio State University Awarded for three semesters based on academic merit.	Springs of 2016–2018

REFERENCES

Dr. Roman Holowinsky (thesis advisor)
Associate Professor at the Ohio State University
romanh@math.ohio-state.edu or (614) 292-3941