Curriculum Vitae

Nadya Gurevich

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Personal

Born December 16, 1974 in St. Petersburg, Russia.

Immigrated to Israel in 1990.

Citizenship: Israeli.

Married, 4 children.

Employment

2006–now	Seniour Lecturer, Ben-Gurion University of the Negev, Israel
2003–2006	Lecturer, Ben-Gurion University of the Negev, Israel.
2000–2003	Veblen Research Instructor, Princeton University and Institute of Advanced Studies, United States.
2001, 2004, 2011	Summer visitor, Institut des Hautes Études Scientifiques, France.
2005	Summer visitor, Max Planck Institute, Germany
2014	Member , MSRI, USA.

Education

2000	Ph.D. in Mathematics, Weizmann Institute of Science. Dissertation under the supervision of Prof. Stephen Gelbart and Prof. David Ginzburg, *Theta lift for $Spin_7$*.
1994	B.Sc. in Mathematics, *summa cum laude*, Tel-Aviv University.

Research Interests

Automorphic forms, representation theory, L-functions.

Publications

[1] N. Gurevich, *The relative trace formula for groups with involution*, Israel Journal of Mathematics, 121, (2001), 125-141.

[2] N. Gurevich, *A theta lift for $Spin_7$*, Compositio Math. 136 (2003), 25-59.

[3] W.T. Gan, N. Gurevich and D.-H. Jiang, *Cubic unipotent Arthur parameters and multiplicities of square-integrable automorphic forms*, Invent. Math. 149 (2002), 225-265.

[4] W.T. Gan, N. Gurevich, *The Rallis-Schiffmann Lifting and Arthur packets for G_2*, Quaterly Journal of Pure and Applied Math. 1 (2005), 109–126.

[5] W.T. Gan, N. Gurevich, *Non-tempered Arthur packets of G_2*, Automorphic representations, L-functions and applications: progress and prospects, 129–155, Ohio State Univ. Math. Res. Inst. Publ., 11, de Gruyter, Berlin, 2005.

[6] W.T. Gan, N. Gurevich, *Non-tempered A-packets of G_2: Liftings from $\widetilde{SL_2}$*, American Journal of Math 128, No. 5 (2006), 1105-1185.

[7] D. Ginzburg, N. Gurevich, *On the first occurrence of cuspidal representations of symplectic group*, J. Inst. Math. Jussieu 5 (2006), no. 1, 35–52.

[8] W.T. Gan, N. Gurevich *Restrictions of Saito-Kurokawa representations. With an appendix by Gordan Savin.* Contemp. Math., 488, Automorphic forms and L-functions I. Global aspects, 95–124, Amer. Math. Soc., Providence, RI, 2009.

[9] W.T. Gan, N. Gurevich, *CAP representations of G_2 and the Spin L-function of $PGSp_6$,* Israel Journal of Mathematics 170 (2009), 1–52.

[10] N. Gurevich *The twisted Satake isomorphism and Casselman-Shalika formula*, Automorphic Representation and Related Topics, conference proceedings, RIMS, Kyoto, Japan, (2013).

[11] N. Gurevich, A. Segal, *Rankin-Selberg integral with non-unique model for the standard L-function of G_2*, J. Inst. Math. Jussieu (2014), pp 1-36.

[12] N. Gurevich , D. Szpruch *The non-tempered θ_{10} Arthur parameter and Gross-Prasad conjecture*, Journal of Number Theory, (2015), pp. 372-426

Teaching Experience

Spring 2013   Modular forms

Spring 2008   p-adic analysis

Fall 2004, Spring 2007   Representation Theory,
                     Ben-Gurion University of the Negev.

Fall 2003   Algebraic Number Theory,
                     Ben-Gurion University of the Negev.

Spring 2002   Algebraic Number Theory,
                     Princeton University.

Spring 2001   Introduction to Homological Algebra,
                     Princeton University.

Taught various undergraduate courses at the Princeton University and the
Ben-Gurion University of the Negev.
    Teaching in a Juniour Math Circle, 2013-2015.

Selected Talks

January 2014   Automorphical periods and spherical varieties, Tsingua
                     Sanya International Math Forum, Sanya, China.

January 2013   Automorphic Representations and Related Topics, RIMS
                     Kyoto, Japan

September 2012   Number Theory Seminar, National University of Singapore

February 2012   ESI Programme on Automorphic Forms: Arithmetics and
                     Geometry, Vienna

August 2008   Workshop on Theta Correspondence, AIM

August 2008   Number Theory Seminar, Washington State University

May, 2006   Conference on the occasion of S. Gelbart's 60th birthday,
                     Weizmann Institute of Science

November 2005   Colloquium, Hebrew University

August 2005   Number Theory Seminar, AIM

February 2004   Automorphic Forms Seminar, Tel-Aviv University.

May 2003   Number Theory Seminar, Princeton University.

May 2003	Number Theory Seminar, Boston College.
October 2002	Number Theory Seminar, Ben-Gurion University of the Negev.
October 2002	Lie Groups Seminar, Yale University.
September 2002	Number Theory Seminar, Boston College.
September 2001	Automorphic Forms Seminar, University of Minneapolis.
March 2001	Conference on Analytic and Geometric Aspects of the Langlands program, Tel-Aviv University.
October 2000	Representation Theory Seminar, Ohio State University.
September 2000	Number Theory Seminar, Princeton University and Institute of Advanced Studies.
March 2000	Conference on Automorphic Forms and Representation Theory, Mathematisches Forschungsinstitut Oberwolfach.

Services	Referee in many journals, such as American Journal of Math., Duke Math. Journal, IMRN
	Reviewer for MathSciNet
2008-2011	Supervisor for a Graduate Students Seminar 2008-2011
2008-2009	Head of Teaching Commitee
2008-2012	Member of Hiring Commitee
2010-now	Coordinator of the program for gifted highschool students

Students	Avner Segal, M.Sc. 2011, Ph.D. 2015
	Thesis: The standard twisted L-functions of cuspidal representations of G_2 and their poles.
	Yehezkiel Halawi, studying towards M.Sc. The topic: Poles of degenerate Eisenstein series for exceptional groups and Siegel-Weil type identities.

Postdoctoral students

2007-2008	Shuichiro Takeda, currently Assistant Professor at Mis-

souri Univeristy

2010-2011	Daniel Szpruch.
2012-2014	Arnav Mitra (joint supervsion with E.Sayag)
2012-2014	Venketsubramanian (joint supervision with E. Sayag).
2015-2016	Shiv Prakash Patel

Grants and Awards

2010-2013	Grant of Israel Science Foundation, Center of Excellence.
2009	Rich prize for female researches, Ben-Gurion University of the Negev
2009	Prize of Excellence in Research, Ben-Gurion University of the Negev,
2006-2010	Grant of Israel Science Foundation, Center of Excellence.
2003–2007	Grant of Israel Science Foundation.
2001	Wormser Postdoctoral Fellowship, Weizmann Institute of Science.
1995	Prize of Excellence, Weizmann Institute of Science.
1991–1994	Prize of Excellence, Tel-Aviv University.

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