

CURRICULUM VITAE

EREZ M. LAPID

Personal Information. Born: May 1971 in Tel Aviv, Israel.
Citizenship: Israeli.
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Employment.

- 2004– Associate Professor (with tenure), Institute of Mathematics, HUJI
- 2003–2004 Senior Lecturer, Institute of Mathematics, HUJI
- 2002: Post-doc, Courant Institute of Mathematical Sciences, New York University.
- 1999–2002: Zassenhaus Assistant Professor, Department of Mathematics, The Ohio State University.
- 1998–1999: Member at the Institute for Advanced Study, Princeton.

Education.

- Ph. D. in Mathematics – 1998, Weizmann Institute of Science, Rehovot, Israel. Advisor: Stephen Gelbart
Dissertation: Multiplicities of cuspidal representations of $SL(n)$ and period integrals of truncated Eisenstein series.
- M. Sc. in Mathematics – 1989, Tel Aviv University (summa cum laude) Advisor: Aldo Lazar. Thesis title: “Compact actions on C^* -algebras”
- B. Sc. – 1989, Tel Aviv University (summa cum laude). Member of the special program for outstanding students.

Military Service. Israel Defense Force, 1989–1994.

Short term visits.

- Jan.-April 1995 – Special Year of Automorphic Forms, Mathematical Science Research Institute, Berkeley, California.
- Sep. 1997-June 1998, Nov. 1998, July 1999 – Department of Mathematics, UCLA.

Date: March 2009.

- March-June 2000 – Semester on Automorphic Forms, Institut Poincaré, Paris (post-doc of University of Köln)
- Jan.-April 2001 – Member at the Institute for Advanced Study, Princeton.
- Jan.-April 2002 – Columbia University, New York.
- Jan, July 2003 – Fields Institute, special semester on Automorphic Forms.
- August 2004 – Morningside center, Beijing.
- Sep.-Dec. 2005: Member at the Institute for Advanced Study, Princeton.
- Jan.-Feb. 2006: Erwin Schrödinger Institute, Vienna.
- June-July 2007: Max Planck Institut für Mathematik, Bonn.
- Jan.-Feb. 2008: Princeton University.
- Aug.-Sep. 2008: Caltech.
- Jan.-Feb. 2009: Erwin Schrödinger Institute, Vienna.
- Feb.-Mar. 2009: Li-Ching visiting Professor, Shandong University, Jinan, China.

Grants and Awards.

- Landau prize for M.Sc. thesis, 1990.
- Prize in honor of Gad Reshef, Weizmann Institute of Science, 1998.
- 2000: NSF Grant DMS 0070611 (principal investigator) “On Some Analytic Problems Connected to the Relative Trace Formula” (3 years)
- 2002: A fellowship from the Ostrowski Foundation.
- 2003: Alon Fellowship (3 years).
- 2005: GIF research grant no. I-796-167.6/2003 “Analytic aspects of automorphic forms and the trace formula” – joint with Werner Müller (3 years)
- 2005: Krill prize of the Wolf Foundation.
- 2005: ISF research grant “Explicit trace identities” (4 years)
- 2005: BSF research grant 2004200 “Spectral Methods in the Analytic Theory of Automorphic Forms” – joint with Ehud Moshe Baruch, Zhengyu Mao and Nolan Wallach (4 years)
- 2006: ISF “center of excellence” in representation theory of groups – joint with Ehud Moshe Baruch, Joseph Bernstein, David Ginzburg, Nadia Gurevich, David Kazhdan, Andrei Resnikov, David Soudry and Yakov Varshavsky (3 years)
- 2009: GIF research grant “Spectral methods in automorphic forms” – joint with Tobias Finis, Werner Müller and Omer Offen (3 years)

Teaching Experience. Taught a variety of undergraduate and graduate courses in Ohio State University and Hebrew University. Lectured in several instructional conferences. Gave an intensive graduate course in Shandong University.

Research interests. Automorphic forms, representation theory, trace formula.

Post-docs.

- Dr. Andrew Sinton, 2005-2007.
- Dr. Omer Offen, 2004-2006 (joint with Stephen Gelbart at the Weizmann Institute)
– (currently at the Technion)
- Dr. Eitan Sayag, 2007-2008 (currently at Ben-Gurion University)

Conference organization.

- March 2010 - Global analysis and automorphic forms, in honor of the 60th birthday of Werner Müller, Landau Center, HUJI; co-organized with Werner Hoffmann, Peter Sarnak and Birgit Speh.
- Aug. 2009 - Relative trace formula and periods of automorphic forms, American Institute of Mathematics; co-organized with Hervé Jacquet and Akshay Venkatesh.
- Oct. 2007 - Harmonische Analysis und Darstellungstheorie Topologischer Gruppen, Oberwolfach; co-organized with Toshiyuki Kobayashi, Bernahrd Krötz and Charles Torossian.
- May 2007 - Representation theory session in Israel Mathematics union annual meeting; co-organized with Nadia Gurevich
- May 2006 - conference on L -functions in honor of the 60th birthday of Stephen Gelbart, Weizmann Institute of Science; co-organized with Vladimir Berkovich, David Ellwood, David Ginzburg, Roger Howe, Peter Sarnak, Freydoon Shahidi, David Soudry.

Editorial work.

- 2008 - *Automorphic forms and L-functions: global and Local aspects*, proceedings of a conference in honor of the 60th birthday of Steve Gelbart (Contemporary Mathematics, volumes 488-9); co-edited with David Ginzburg and David Soudry

Invited and colloquium Talks.

- Aug. 2010 - International Congress of Mathematicians, Hyderabad India.
- Aug. 2010 - CIMPA Summer School: Automorphic Forms and L -functions
- June 2009 - NATO conference on automorphic forms, CRM, Montreal.
- May 2009 - Israel Mathematical Union meeting, special session on representation theory and automorphic forms, Weizmann Institute.
- Jan. 2009 - workshop on representation theory of reductive groups – local and global aspects, Erwin Schrödinger Institute, Vienna
- Oct. 2008 - Conference on Symmetries in Algebra and Number Theory, Göttingen.
- Aug. 2008 - The stable trace formula, automorphic forms, and Galois representations, Banff.
- Aug. 2008 - Multiple Dirichlet Series and Applications to Automorphic Forms, Edinburgh.
- July 2008 - Generalizing theta correspondences, American Institute of Mathematics, Palo Alto.
- May 2008 - Analytic number theory and higher rank groups, New York University.
- Feb. 2008 - Colloquium talk, Columbia University.
- Feb. 2008 - Colloquium talk, Princeton University.
- Nov. 2007 - 10th Autumn Workshop on Number Theory, Hakuba, Japan.
- Aug. 2007 - A conference in honor of Freydoon Shahidi's 60th birthday, Purdue.
- July 2007 - Representation theory conference, MPI bonn.
- July 2007 - Colloquium talk, Heinrich-Heine-Universität, Düsseldorf.
- June 2007 - Conference on Langlands and Geometric Langlands Program, Guangzhou.
- May 2007 - Colloquium talk, Hebrew University.
- Oct. 2006 - Subconvexity bounds for L -functions, AIM, Palo Alto.
- June 2006 - Instructional Workshop: Automorphic Galois Representations, L -functions and Arithmetic, Columbia University.
- Feb. 2006 - Conference on L -Functions, Kyushu University, Fukuoka, Japan.
- Jan. 2006 - Conference on representation theory, Zagreb.

- Aug. 2005 - Workshop on Eisenstein series and its applications, AIM, Palo Alto.
- Aug. 2005 - Summer school on Analytic number theory, Zhe Jiang University, Hangzhou.
- Jan. 2005 - Conference in automorphic forms and L -functions, RIMS, Kyoto.
- Dec. 2004 - Colloquium talk, Hebrew University
- Oct. 2004 - A conference in honor of J. Arthur's 60th birthday, Toronto.
- Sep. 2004 - LMS meeting, Exeter.
- March 2003 - Automorphic Representations, L -functions and Applications: Progress and Prospects — A conference in honor of Steve Rallis, The Ohio State University.
- July 2002 - IAS/PCMI Summer school on automorphic forms and applications, Park City, Utah.
- June 2002 - Functorialité de Langlands: progrès récents; CIRM, Luminy.
- May 2002 - Workshop on Zeta functions and associated Riemann hypothesis, Courant Institute.
- May 2002 - A conference in honor of J. Shalika's 60th Birthday, Johns Hopkins University.
- Feb. 2002 - Princeton University/IAS Number Theory Seminar.
- Dec. 2001 - Colloquium talk, Tel Aviv University.
- Dec. 2001 - Colloquium talk, Bar Ilan University.
- Nov. 2001 - MSRI conference on Automorphic Forms and Representations of p -adic groups, Banff Centre, Alberta, Canada.
- April 2000 - workshop on Automorphic Forms at Institut Poincaré, Paris.
- May 1999 - Workshop on Automorphic Forms, CIRM - Luminy, Marseilles, France.
- Feb. 1997 - Workshop on Automorphic Forms, Mathematisches Forschungsinstitut Oberwolfach, Germany.

Seminar Talks.

- 1995 - UCLA.
- 1997 - Max Planck Institut für Mathematik, Bonn; UC Berkeley.
- 1998 - UCLA; Cal-Tech; The Ohio State University; IAS; Rutgers, Newark; Columbia University.
- 1999 - Tel Aviv University; Princeton-IAS-Rutgers Harmonic Analysis Seminar; Yale University.

- 2001 - Weizmann Institute of Science; Ben Gurion University.
- 2002 - Columbia University; Harvard; Purdue University; University of Minnesota; NYU.
- 2003 - Fields Institute Toronto; Hebrew University.
- 2004 - UCLA; Cal-Tech; University of Michigan; Cornell; IAS; Columbia; Zagreb; NYU; Yale; Hebrew University.
- 2005 - Osaka City University; Academia Sinica, Taipei; Tata Institute, Mumbai, Purdue University, Johns Hopkins University, IAS, Harvard, UCLA.
- 2006 - MPI, Bonn.
- 2007 - Bar Ilan; Hebrew University.
- 2008 - Columbia University, Caltech, Ohio State University.

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