

# CURRICULUM VITAE

EREZ M. LAPID

**Personal Information.** Born: May 1971 in Tel Aviv, Israel.

Citizenship: Israeli.

Home page: [www.math.huji.ac.il/~erezla](http://www.math.huji.ac.il/~erezla)

## Employment.

- 2009– Professor, Institute of Mathematics, HUJI
- 2004–2009 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 Forces, 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.
- 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.

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*Date:* September 2011.

- 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.
- Sep.-Dec. 2009: Stanford University.
- Jan., May 2011: Centre Interfacultaire Bernoulli, EPFL, Lausanne, Switzerland.
- Aug.-Sep. 2011: MPI, Bonn.
- Jan. 2012 (tentative) - Erwin Schrödinger Institute, Vienna.

### Grants and Awards.

- Landau prize for M.Sc. thesis, 1990.
- Prize in honor of Gad Reshef, Weizmann Institute of Science, 1998.
- 2000: NSF Grant “On Some Analytic Problems Connected to the Relative Trace Formula” (principal investigator, 3 years)
- 2002: A fellowship from the Ostrowski Foundation.
- 2003: Alon Fellowship (3 years).
- 2005: GIF research grant “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 “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 (shared grant) (3 years)
- 2009: GIF research grant “Spectral methods in automorphic forms” – joint with Tobias Finis, Werner Müller and Omer Offen (3 years)
- 2010: ISF “center of excellence” in automorphic forms and representations theory (shared grant) (3 years)
- 2010: BSF research grant “The Gross-Prasad conjecture” – joint with Zhengyu Mao (4 years)

**Teaching Experience.** Taught a variety of undergraduate and graduate courses in Ohio State University and Hebrew University. Gave mini-courses and lectures in several instructional conferences.

**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 - Representaion 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.

- Apr. 2012 (tentative) - Conference in the memory of Piatetski-Shapiro, Yale.
- Jan. 2012 (tentative) - International Colloquium on Automorphic Representations and  $L$ -Functions, Tata Institute, Mumbai.
- Oct. 2011 (tentative) - Morningside Center, Beijing.
- July 2011 - KIAS and Yonsei University, Seoul.
- June 2011 -  $L$ -packets, Banff.
- Apr. 2011 - Colloquium talk, Rutgers Newark.
- March 2011 - Automorphic Forms: New Directions, Oberwolfach.
- Jan. 2011 - Geometric and Analytic Number Theory, EPFL, Lausanne, Switzerland.
- Aug. 2010 - International Congress of Mathematicians, Hyderabad India.
- Aug. 2010 - CIMPA Summer School: Automorphic Forms and  $L$ -functions, Weihai, China.
- Dec. 2009 - Colloquium talk, Oklahoma State University.
- Nov. 2009 - Colloquium talk, Stanford University.
- 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 - Fonctorialité 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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