

CURRICULUM VITAE

OMER OFFEN

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Employment.

Minerva Fellow	Fall 2006–present
Humboldt-Universität zu Berlin, Institut für Mathematik.	
Postdoctoral Fellow	Fall 2004–Fall 2006
Weizmann Institute, Department of Mathematics.	
Member	Fall 2003–Fall 2004
Max-Planck-Institut für Mathematik.	
William Hodge Fellow	Fall 2002–Fall 2003
Institut des Hautes Études Scientifiques.	
Instructor / Teaching Assistant	Fall 1997–Spring 2002
Columbia University, Department of Mathematics.	

Education.

- Ph. D., Mathematics, 2002, Columbia University.
- M. A., Mathematics, 1998, Columbia University.
- B. Sc., Mathematics, 1996, Tel Aviv University (*summa cum laude*).

Research interests: Automorphic Forms, Representation Theory, Trace Formula.

Doctoral Thesis: Relative Spherical Functions on p -adic Symmetric Spaces (Three Cases).

Thesis Advisor: Hervé Jacquet.

Teaching Experience. As an instructor at Columbia University I taught Linear algebra, Calculus IA and Calculus IIA classes. As a teaching assistant of Calculus IS and IIS classes, I demonstrated principles of mathematics using *Mathematica*.

Grants and Awards.

- Minerva Fellowship, 2006–present.
- Edith and Edward F. Anixter Postdoctoral Fellowship, Weizmann Institute, 2004-2006.
- William Hodge Fellowship, IHÉS, 2002–2003.
- Department of Mathematics Fellowship, Columbia University, 1997–2002.

Short term visits.

- June - Aug. 2007 – MPIM/HIM Bonn. HIM coordinator at the special semester program on Representation theory, complex analysis and integral geometry.
- April-May 2007 – CUNY. Visiting Scholar.
- March, May - 2004 – Hebrew University, Jerusalem. Visiting Scholar.

Colloquium talks.

- March 2006, Hebrew University, Jerusalem.

Conference talks.

- Oct. 2007, Mathematisches Forschungsinstitut Oberwolfach, Harmonic analysis and representations of topological groups.
- April 2007, Special session on automorphic forms and arithmetic geometry, AMS Eastern Section Meeting.
- March 2007, Gemeinsame Jahrestagung der Deutschen Mathematiker-Vereinigung und der Gesellschaft für Didaktik der Mathematik.
- June 2006, Columbia University, Automorphic Galois representations, L-functions and Arithmetic.
- Dec. 2005, Technion-Haifa, Applications of Representation Theory to Analytic Number Theory.

Upcoming Conferences.

- Nov. 2007, Hakuba Highmount Hotel, The 10th Autumn Workshop on Number Theory.

Seminar talks.

- May 2007, CUNY, Collaborative Number Theory Seminar.
- Nov. 2006, Humboldt Universität zu Berlin, Forschungsseminar Algebra und Zahlentheorie (series of 3 talks).
- March 2006, Université de la Méditerranée, Aix-Marseille II, Séminaire Groupes réductifs (series of 2 talks).
- Feb. 2006, Weizmann Inst., Algebraic Geometry and Representation Theory Seminar.
- Dec. 2005, Ben Gurion University, Number Theory and Algebraic Geometry Seminar.

- Nov. 2005, Tel-Aviv University, Israeli Automorphic Forms Seminar.
- Sept. 2005 Institute for Advanced Study, Princeton, Arithmetic Homogeneous Spaces Seminar.
- Sept. 2005 Penn-State University, Algebra and Number Theory Seminar.
- March 2004 Hebrew University, Algebra Seminar.
- March 2004 Weizmann Institute, Seminar on Representation Theory and Algebraic Geometry.
- Feb. 2004 - MPIM Bonn, Number Theory Lunch Seminar.
- Feb. 2003 - Institut de Mathématiques de Jussieu, Séminaire Groupes Réductifs et Formes Automorphes.
- March 2002 Columbia University, Number Theory Seminar.
- Nov. 2001 Brown University, Algebra Seminar.

Publications and preprints. Downloadable from my homepage:

<http://www.mathematik.hu-berlin.de/~offen>

Published.

- O. Offen and E. Sayag. On unitary representations of GL_{2n} distinguished by the symplectic group. *J. Number Theory*, **125**:344-355, 2007.
- E. Lapid and O. Offen. Compact unitary periods. *Compositio Math*, **143**(2):323-338, 2007.
- O. Offen. A Remark on the fundamental lemma of Jacquet. *C. R. Acad. Sci. Paris, Ser. I* **342**(2006), p. 733–736.
- O. Offen. Residual spectrum of GL_{2n} distinguished by the symplectic group. *Duke Math. J.*, **134** (2)2006, p. 313–357.
- O. Offen. On symplectic periods of discrete spectrum of GL_{2n} . *Israel J. Math.*, **154** (2006), 253–298.
- O. Offen. Kloosterman-Fourier inversion for symmetric matrices. *Bull. Soc. Math. France*, **133**(3), 2005, 331–348.
- O. Offen. Relative Spherical Functions on φ -adic Symmetric Spaces (Three Cases). *Pacific J. Math.*, **215**(1):97–149, 2004.

Accepted.

- G. Chinta and O. Offen. Unitary periods, Hermitian forms and points on flag varieties. *Math. Ann.*, to appear.
- O. Offen. Stable relative bessel distributions on $GL(n)$ over a quadratic extension. *Amer. J. Math.*, to appear.

Submitted.

- O. Offen. Unitary Periods and Jacquet's relative trace formula. Submitted for publication.
- O. Offen and E. Sayag. Global Mixed Periods and local Klyachko models for the general linear group. Submitted for publication.

- O. Offen and E. Sayag. Uniqueness and disjointness of Klyachko models. Submitted for publication.

Reference.

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