

## Curriculum Vitae

### Eric M. Friedlander

#### Academic honors / Recognition:

1974	U.S.-France Exchange of Scientists Fellowship
1974	National Research Council Award to attend I.C.M.
1977-78	Senior Visiting Fellowship, Science Research Council of Great Britain
1985	Invited Address, American Mathematical Society Regional Meeting
1986	Surrogate speaker for Andrei Suslin, plenary lecture of the International Congress of Mathematicians
1992	Zabrodsky Memorial Lecturer, Jerusalem
1996-98	Humboldt Senior Scientist Research Prize
1998	Invited Speaker, International Congress of Mathematicians
1999-2008	Henry S. Noyes Professor of Mathematics
2001	Plenary Address, A.M.S. - Mexican Math Society Meeting
2001	Humboldt research grant (continuation), Heidelberg
2003	Plenary speaker, International A.M.S.-Spain Congress
2005	Spenser lecturer, Kansas State
2005	Fellow, American Academy of Arts and Sciences
2008 - -	Dean's Professor of Mathematics
2010	Richard Block lecturer, UC Riverside
2011-12	President of the American Mathematical Society
2012	Fellow of the American Mathematical Society
2014	R. L. Moore Colloquium Speaker, Texas-Austin
2015	Chair of Math Section, AAAS
2016	Emil Artin Vorlesung Lecturer, Heidelberg
2016 - -	Chair of US National Committee / Math
2018	Kan Lecturer, Utrecht

### Education/Employment:

1965	Swarthmore College, B.A.
1970	Massachusetts Institute of Technology, Ph.D
1970-71	Instructor, Princeton University
1971-72	Lecturer, Princeton University
1972-75	Assistant Professor, Princeton University
1975-80	Associate Professor, Northwestern University
1980-08	Professor, Northwestern University
1987-90	Chair, Mathematics Department, Northwestern University
1995-98	Academic Associate Dean, College of Arts and Sciences, Northwestern University
1999-08	Henry S. Noyes Professor of Mathematics, Northwestern University
1999-03	Chair, Mathematics Department, Northwestern University
2008 - -	Dean's Professor, University of Southern California
2014 - -	Chair, Mathematics Department, University of Southern California

### Visiting Positions:

1974,82-3,85,87	Visiting Member, I.H.E.S., France
1977	Research Fellow, Trinity College, Cambridge, England
1978	Research Fellow, New College, Oxford, England
1981,85-6,99,04,05	Institute for Advanced Study
1982-83	Professor Associe, Paris
1983	Visiting Fellow, M.P.I., Germany
1984,86,88,91	Visiting Fellow, E.T.H.-Zurich, Switzerland
1986,95,08	Visiting Member, M.S.R.I.
1988, 89,90, 90-91,93	Visiting Member, I.H.E.S., France
1992	Visiting Professor, Hebrew University
1994	Visiting Distinguished Professor, Brown Univ.
1996-98,01	Visiting Professor, Heidelberg, Germany
1998-9,02,04,05, 06	Visiting Member, I.H.E.S., France
1999	Research Professor, M.S.R.I.
2000,03-04	Visiting Fellow, E.T.H.-Zurich, Switzerland
2004	Visiting Fellow, Institut Henri Poincaré
2007-08	Visiting Professor, University of Southern California

### Professional Activities:

My service to the mathematical community includes: refereeing papers/grant proposals and editing journals; serving on various national committess; and organizing mathematical conferences.

#### *TPSE-Math*

Current member of leadership team whose aim is to “transform” post-secondary mathematics education.

#### *American Association for the Advancement of Science*

Past-Chair of the Mathematics Section

*US National Committee*

Current Chair of the Mathematics Section.

*Editorial Boards*

Co-Managing Editor, Journal of Pure and Applied Algebra  
Editorial board, Annals of  $K$ -theory  
Editorial board, American Journal  
Editorial board, Algebra and Applications, Springer-Verlag

Past editorial boards include Bulletin of the A.M.S., Proceedings of the A.M.S., AMS University Lecture Series (Chair),  $K$ -theory, Oxford Mathematical Monographs, Central European Journal of Mathematics.

*American Mathematical Society*

Board of Trustees of the A.M.S., 2000 - (Chair 2003,08)  
Committee on Committees, 2005 - 2007 (Chair 2006)  
Selection Committee, Cole Prize, 2005  
Nominating Committee, 1995-98 (Chair 1997)  
Committee on Summer Institutes and Special Symposia, 1985-87  
Committee on the Publication Program, 1989-92  
Committee on Science Policy, 1991-93, 2000-05, 2012 - (Chair)  
Committee on Publications, 2005 - 2008  
Committee on the Profession, 2009 - 2010  
Committee on Education, 2012 -  
President-elect, 2010  
President, 2011 - 2013  
Immediate Past President, 2013-14.

*Extra-mural committees*

Scientific Advisory Committee, Fields Institute, 2005 –2009  
National Science Foundation Postdoctoral Fellowship Committee, 2007 -  
External Reviewer, Loyola of Chicago Mathematics Department, 2005  
Algebra Panel, International Mathematical Union, 2000-01  
National Science Board N.S.F. Graduate Fellowship Committee, 1993  
National Research Council Committee on U.S. Math Science Institutes, 1998-99  
External Reviewer, Emory University Mathematics Department, 2010  
External Reviewer, University of Oregon Mathematics Department, 2012

**Conference Organization:**

1977 Northwestern Algebraic Topology Conference  
1978 Oberwolfach: Connections between Algebraic Geometry and Algebraic Topology  
1980 Northwestern Algebraic  $K$ -theory Conference

- 1981 Princeton Algebraic  $K$ -theory Seminar
- 1983 A.M.S. Algebraic  $K$ -theory Conference
- 1983 U.S.– France Algebraic  $K$ -theory Conference
- 1985 Northwestern Cohomology of Groups Conference
- 1990-1 I.H.E.S. Working Seminar on Chow Varieties
- 1991 A.M.S. Algebraic Groups Conference
- 1992 Northwestern Conference on Topology
- 1994 Great Lakes  $K$ -theory Conference, Evanston
- 1996 A.M.S. Motives Special Session, Antwerp
- 1997 A.M.S.  $K$ -theory Special Session, Pretoria
- 1997 Great Lakes  $K$ -theory Conference, Evanston
- 1998 MSRI Workshop, Berkeley
- 1999 A.M.S. Representation theory Special Session, Melbourne
- 1999 A.M.S. Diverse legacy of Jean Leray, Austin
- 2001 Great Lakes  $K$ -theory, Evanston
- 2002 Northwestern Topology Conference, Evanston
- 2003 A.M.S. Algebraic Topology Special Session, Seville
- 2003 A.M.S. Cycles,  $K$ -theory, & Motives Special Session, Bangalore
- 2004 A.M.S. Special Session on Motives, Evanston
- 2005 A.M.S. - D.M.V Session on Motivic Cohomology, Mainz
- 2005 Great Lakes  $K$ -theory, Chicago
- 2007 Homotopy theory of schemes, Fields Institute
- 2007 School on algebraic  $K$ -theory, ICTP (Trieste)
- 2007 Abel symposium, Oslo
- 2009 Motivic Homotopy Theory, Muenster
- 2010 A.M.S. Representation Theory Special Session, San Francisco
- 2011  $K$ -theory and Motivic Cohomology, UCLA
- 2013 Homotopy Methods in Algebraic Geometry, USC
- 2014 A.M.S. Special Session on Representation Theory, San Francisco
- 2015 Conference in honor of Charles Weibel, Rutgers
- 2017 Semester Program at Mittag-Leffler Institute, Stockholm
- 2017 MCA Special Session, Montreal

**Recent Invited Lectures:**

*seminars/colloquia at international universities*

- ETH-Zurich: Algebra Seminar, 2001
- Goettingen: Colloquium, 2001
- Heidelberg: Oberseminar (5 lectures), 2001
- Nantes: Cohomology of functors (5 lectures), 2001
- Orsay: Number Theory Seminar, 2002
- ETH-Zurich, Zurich: Colloquium, 2003
- ETH-Zurich: Nach-Diplom lectures (12 lectures), 2003
- Strasbourg: Topology Seminar, 2004
- ETH-Zurich: Topology Seminar, 2004
- Institut Henri Poincaré:  $K$ -theory (7 lectures), 2004
- Orsay: Algebraic Geometry Seminar, 2004

University of Paris 13: Topology Seminar, 2004  
Cambridge University: Algebra Seminar, 2004  
London: algebra colloquium, 2004  
Edinburgh: Colloquium, 2004  
Bonn: Colloquium, 2004  
Oxford: Colloquium, 2006  
Tokyo University: Algebraic geometry, 2008  
East China Normal University, Shanghai, 2008  
Hongzhou University, 2008  
Nottingham University: Number theory, 2009  
Sheffield University: Topology colloquium, 2009  
Barcelona: Algebraic Geometry, 2009  
Stetlov Institute, St. Petersburg, 2010  
University of New South Wales, Public Lecture, 2012  
University of Melbourne, Public Lecture, 2012  
University of Canberra, Algebra lecture, 2012  
Heidelberg University, Dold Memorial, 2013  
University of Bonn, Algebraic Geometry, 2013  
University of Paris 13, Geometry, 2014  
Heidelberg University, Emil Artin Vorlesung, 2016

*conference lectures*

T.I.F.R. (Bombay): Colloquium on Algebra, Arithmetic, and Geometry, 2000  
Toulouse: K-theory and the Homotopy Theory of Schemes, 2000  
Morelia: Plenary talk at A.M.S.–Mexico joint meeting, 2001  
Stony Brook: Geometry Conference in honor of Blaine Lawson, 2002  
Urbana: Great Lakes K-theory, 2002  
Mount Holyoke: A. M.S. Summer Conference, 2002  
I.C.T.P.: K-theory Conference, 2002  
Madison: A.M.S. Special Session on cohomology of groups, 2002  
Seville: Plenary address, A.M.S.–Spain joint meeting, 2003  
Paris: K-theory & Motivic cohomology conference, 2004  
Paris: Group theory conference, 2004  
Snowbird: A.M.S. Summer Conference, 2004  
Bonn: Arbeitstagung, 2005  
Cracow: CAT05 (algebraic topology) 2005  
Lincoln: A.M.S. Special session on motivic cohomology, 2005  
Providence: Lichtenbaum conference, 2005  
Oberwolfach: K-theory conference, 2005  
Leeds: Conference on Triangulated Categories, 2006  
Kyoto: Number Theory, 2006  
Bielefeld: Representation Theory, 2007  
Trieste: K-theory (6 lectures), 2007  
Los Angeles: Southern California Algebra Conference, 2007  
Columbus: Conference on Algebraic Cycles, 2008  
Berkeley (MSRI): Homological Methods in Representation Theory, 2008  
Vancouver: ABC algebra workshop, 2008

Tokyo University: Conference on Motives, 2008  
Koeln University: Representation Theory and Cohomology (3 lectures), 2009  
Cambridge (Newton Institute): Representation Theory, 2009  
Banff: Linear Algebraic Groups, 2009  
Western Lie Theory, 2010  
Oberwolfach, 2010  
Salt Lake City: AMS special session on noncommutative geometry, 2011  
M.I.T.: Quillen Memorial Conference, 2012  
Stony Brook: Geometry in honor of H. Blaine Lawson, 2012  
Riverside: AMS Special session on representation theory, 2015  
Oberwolfach, Representation theory, 2015  
Edinburgh: Representation theory, 2016  
University of Virginia: Representation theory, 2016  
USC: Representation theory, 2016  
PIMS (Vancouver): Representation theory (3 lectures), 2016  
University of Lille, Representation Theory, 2017

*seminars/colloquia at north American universities*

Boston Area Colloquium, 2000  
University of Nebraska: colloquium, 2000  
University of Wisconsin: colloquium, 2000  
University of Indiana: colloquium, 2000  
University of Utah: colloquium, 2001  
University of Chicago: Algebraic Geometry Seminar, 2001  
University of California at Los Angeles: colloquium, 2001  
University of Southern California: colloquium, 2001  
University of Nebraska: colloquium, 2002  
Duke University: colloquium, 2002  
University of Oregon: colloquium, 2003  
University of Oregon: algebra seminar, 2003  
University of Georgia: colloquium, 2004  
University of Georgia: algebra seminar, 2004  
Princeton University: algebra seminar, 2005  
University of Pennsylvania: algebra seminar, 2005  
Kansas State: “Spenser Lecture”, 2005  
Kansas State: algebra seminar, 2005  
University of Illinois, Chicago: colloquium, 2005  
University of Washington: colloquium, 2006  
University of Washington, topology seminar, 2006  
University of Southern California: colloquium, 2006  
University of Washington: algebra seminar, 2007  
University of California Los Angeles: colloquium, 2008  
University of British Columbia: colloquium, 2008  
University of Washington, algebra seminar, 2009  
Claremont Colleges, colloquium, 2010  
Northwestern University: colloquium, 2010  
Ohio State: colloquium, 2011

University of California - San Diego: colloquium, 2011  
University of Oregon: colloquium, 2013  
University of Washington lectures, 2014  
University of Texas-Austin, colloquium, 2014  
Northeastern University: colloquium, 2014  
Pomona College, algebra seminar, 2015  
University of California - Santa Barbara; colloquium, 2017

### **University of Southern California service**

UCAPT Science and Engineering Panel, 2010 - 17 (Chair, 2016 - 17)  
Search Committee for Dean of Dornsife College, 2011 - 12  
Chair, Mathematics Department, 2014 - -

### **Northwestern University service**

Math Dept Chair, 1987-90, 1999-03.  
Academic Associate Dean, Northwestern, 1995-98.  
Numerous Faculty Committees

### **Ph.D Students:**

- David A. Cox, Princeton Ph.D, 1974
- Roy Joshua, Northwestern Ph.D, 1983
- Paul Kunkel, Northwestern Ph.D, 1984
- Henry Cejtin, Ph.D. Northwestern Ph.D, 1985
- Steve Schlicker, Northwestern Ph.D, 1987
- Mark Muzere, Northwestern Ph.D, 1987
- Joseph Gottman, Northwestern Ph.D, 1993
- Christopher Flannery, Northwestern Ph.D, 1994
- Christopher Bendel, Northwestern Ph.D, 1996
- Julia Pevtsova, Northwestern Ph.D, 2002
- Christian Haesemeyer, Northwestern Ph.D, 2003
- Jeremiah Heller, Northwestern Ph.D, 2006
- Mircea Voineaugu, Northwestern Ph.D, 2007
- Chenghao Chu, Northwestern Ph.D, 2008

- Paul Sobaje, USC Ph.D, 2011
- Taylan Bilal, USC, Ph.D, 2013
- Jared Warner, USC PhD, 2015
- Ozlem Ejder, USC PhD, 2017

**Grant Support:**

2017-	Simons Foundation Collaboration Grant
1970– 2015	N.S.F. Principal Investigator grant
2010 –2014	N.S.F. Focused Research Award
2003–	N.S.F. grant to support Great Lakes K-theory
1990–2004, 2015	N.S.A. grant
1976, etc	N.S.F. support for Emphasis Years in Algebra and Topolgy 1976-7, 1979-80, 1981-2, 1984-5, 1987-8,1991-2, 1996-7,2001-02
1974	C.N.R.S. (U.S.– France Exchange of Scientists Fellowship)
1977–78	S.R.C. (Visiting Senior Lectureship)
1978,82-3	N.S.F. Sabbatical Support
1980	N.S.F. Support for Algebraic $K$ -theory Conference
1981,85-6	Institute for Advanced Study
1982–83	N.S.F. Sabbatical Support
1983	N.S.F. Support for U.S.– France Algebraic $K$ -theory Conference
1984–85	N.S.F. Support for Cohomology of Groups Emphasis Year
1986	Institute for Advanced Study
1991–92	N.S.F. support for Algebra & Topology Emphasis Year
1991–92	N.S.F. support for Algebra & Topology Emphasis Year
1996–97	N.S.F. support for Algebra & Topology Emphasis Year
1998	M.S.R.I. support for “hot topics” workshop

Partial support from Institute for Advanced Study, University of Paris VII, I.H.E.S., Max-Planck Institut, E.T.H. (Zurich), and M.S.R.I. as visitor (cf. Visiting Positions).

**Publications**

My research interests include algebraic geometry (both classical and abstract), algebraic  $K$ -theory, algebraic topology, and representation theory.

**Research articles**

1. Fibrations in etale homotopy theory, Pub. Math. I.H.E.S. 42 (1972), 281–322.
2. (with P. Griffiths and J. Morgan) Homotopy theory and differential forms, M.I.T. notes (1972).



3.  $K(\pi, 1)$ 's in characteristic  $p > 0$ , *Topology* 12 (1973), 9–18.
4. The étale homotopy theory of a geometric fibration, *Manuscripta Mathematica* 10 (1973), 209–244.
5. Unstable  $K$ -theories of the algebraic closure of a finite field, *Comment. Math. Helvetici* 50 (1975), 145–154.
6. Exceptional isogenies and the classifying spaces of simple Lie groups, *Annals of Math.* 101 (1975), 510–520.
7. Extension functions for rank two torsion free abelian groups, *Pacific J. Math.* 58 (1975), 371–380.
8. Computations of  $K$ -theories of finite fields, *Topology* 15 (1976), 87–109.
9. Homological stability for classical groups over finite fields, in *Algebraic  $K$ -theory*, Lecture Notes in Math. 551, Springer (1976), 290–303.
10. Maps between localized homogeneous spaces, *Topology* 16 (1977), 205–216.
11. (with R.M. Seymour) Two proofs of the stable Adams conjecture, *Bull. A.M.S.* 83, No. 6 (1977), 1300–1302.
12. (with S. Priddy) Karoubi's conjecture for finite fields, *J. Pure & Applied Algebra* 10 (1977), 233–238.
13. (with A.K. Bousfield) Homotopy theory of  $\Gamma$ -spaces, spectra, and bisimplicial sets, in *Geometric Applications of Homotopy Theory II*, Lecture Notes in Math. 658, Springer (1978), 80–130.
14. The infinite loop Adams conjecture via classification theorems for  $F$ -spaces, *Math. Proc. Camb. Phil. Soc.* (1980), 109–150.
15. Étale  $K$ -theory I: Connections with étale cohomology and algebraic vector bundles, *Inventiones Math.* 60 (1980), 105–134.
16. (with L. Evens)  $K_r(\mathbf{Z}/p^2\mathbf{Z})$  and  $K_r(\mathbf{Z}/p\mathbf{Z}[\varepsilon])$  for  $p \geq 5$  and  $r \leq 4$ , *Bull. A.M.S.* 3, no. 2 (1980), 440–443.
17. (with B. Parshall) Étale cohomology of reductive groups, in *Algebraic  $K$ -theory* (Evanston 1980), Lecture Notes in Math. 854, Springer (1981), 127–140.
18. (with L. Evens) On  $K_*(\mathbf{Z}/p^2\mathbf{Z})$  and related homology groups, *Trans. A.M.S.* 270, no. 1 (1982), 1–46.
19. Étale  $K$ -theory II: Connections with algebraic  $K$ -theory, *Ann. Scient. Ecole Norm. Sup.*, t.15 (1982), 231–256.
20. (with W. Dwyer, V. Snaith and R. Thomason) Algebraic  $K$ -theory eventually surjects onto algebraic  $K$ -theory, *Inventiones Math.* 66(3) (1982), 481–497.
21. (with W. Dwyer) Étale  $K$ -theory and arithmetic, *Bull. AMS* 6(3) (1982), 453–455.

22. (with B. Parshall) On the cohomology of Chevalley groups, *Bull. A.M.S.* 7, no. 1 (1982), 247–250.
23. (with B. Parshall) On the cohomology of algebraic and related finite groups, *Inventiones Math.* 74 (1983), 85–117.
24. (with G. Mislin) Cohomology of classifying spaces of complex Lie groups and related finite groups, *Comment. Math. Helvetici* 59 (1984), 347–361.
25. (with W. Dwyer) Etale  $K$ -theory of Azumaya algebras, *J. Pure and Applied Algebra* 34 (1984), 179–191.
26. A canonical filtration for certain rational modules, *Math. Z.* 188 (1985), 433–438.
27. (with W. Dwyer) Algebraic and etale  $K$ -theory, *Trans. A.M.S.* 292 (1985), 247–280.
28. (with B. Parshall) Cohomology of Lie algebras and algebraic groups, *American Journal* 108 (1986), 235–253.
29. (with W. Dwyer) Conjectural calculations of general linear group homology, *Contemporary Math.* 55, Part 1 (1986), 135–147.
30. (with W. Dwyer) Some remarks on the  $K$ -theory of fields, *Contemporary Math.* 55, Part 1 (1986), 149–158.
31. (with B. Parshall) Cohomology of infinitesimal and discrete groups, *Math. Annalen* 273 (1986), 353–374.
32. (with G. Mislin) Locally finite approximations of Lie groups I, *Inventiones Math.* 83 (1986), 425–436.
33. (with G. Mislin) Locally finite approximations of Lie groups II, *Math. Proc. Camb. Phil. Soc.* 100 (1986), 505–517.
34. (with B. Parshall) Support varieties for restricted Lie algebras, *Inventiones Math.* 86 (1986), 553–562.
35. (with B. Parshall) Limits of infinitesimal group cohomology, *Annals of Math. Studies* no. 113 (1987), 523–538.
36. (with B. Parshall) Geometry of  $p$ -unipotent Lie algebras, *J. Algebra* 109, no. 1 (1987), 25–45.
37. (with B. Parshall) Rational actions associated to the adjoint representation, *Ann. Scient. Ec. Norm. Sup.* 4e Serie, t. 20 (1987), 215–226.
38. (with B. Parshall) Representations of mod- $p$  Lie algebras, *Bull. A.M.S.* 17, no.1 (1987), 129–132.
39. Cohomology of irreducible modules with large weights, *Proceedings of Symposia in Pure Mathematics* 47, vol. 2 (1987), 187–193.

40. Multiplicative stability for the cohomology of finite Chevalley groups, *Comment Math. Helvetici* 63 (1988), 108–113.
41. (with G. Mislin) Conjugacy classes of finite solvable subgroups in Lie groups, *Ann. Scient. Ecole Norm. Sup. 4e Serie*, t. 21 (1988), 179–191.
42. (with B. Parshall) Modular representation theory of restricted Lie algebras, *Amer. J. Math.* 110 (1988), 1055–1094.
43. Homology using Chow varieties, *Bull. A.M.S.* 20, no. 1 (1989), 49–53.
44. (with B. Parshall) Deformations of Lie algebra representations, *Amer. J. Math.* 112 (1990), 375–390.
45. (with G. Mislin) Galois descent and cohomology for algebraic groups, *Math. Zeit.* 205 (1990), 177–190.
46. Algebraic cycles, Chow varieties, and Lawson homology, *Compositio Math.* 77 (1991), 55–93.
47. (with B. Parshall) Induction, deformation and specialization of Lie algebra representations, *Math. Annalen.* 290 (1991), 473–489.
48. (with H. B. Lawson) Algebraic cocycles and the cohomology of algebraic varieties, *Bull. A.M.S.* 26, no. 2, (1992), 264–268.
49. (with H. B. Lawson) A theory of algebraic cocycles, *Annals of Math.* 136 (1992), 361–428.
50. (with W. Dwyer and S. Mitchell) The generalized Burnside ring and the  $K$ -theory of a ring with roots of unity, *K-theory* 6 (1992), 285–300.
51. (with O. Gabber) Cycle spaces and intersection theory, in *Topological Methods in Modern Mathematics* (1993), 325–370.
52. (with W. Dwyer) Topological models for arithmetic, *Topology* 33 (1994), 1–24.
53. Some computations of algebraic cycle homology, *K-theory* 8 (1994), 271–285.
54. (with B. Mazur) Correspondence homomorphism for singular varieties, *Annales de l’Institut Fourier* 44, 3 (1994), 703–727.
55. Filtrations on algebraic cycles and homology, *Annales Ec. Norm. Sup.*, 4<sup>e</sup> serie, t. 28 (1995), 317–343.
56. (with A. Suslin), Cohomology of finite group schemes over a field, *Inventiones Math.* 127 (1997), 209–270.
57. (with H.B. Lawson) Duality relating spaces of algebraic cocycles and cycles, *Topology* 36 (1997), 533–565.
58. (with A. Suslin and C. Bendel) Infinitesimal 1-parameter subgroups and cohomology, *Journal of the American Mathematical Society*, 10 (1997), 693–728.

59. (with A. Suslin and C. Bendel) Support varieties for infinitesimal group schemes, *Journal of the American Mathematical Society*, **10** (1997), 729-759.
60. Motivic complexes of Suslin and Voevodsky. *Séminaire Bourbaki*. vo. 1996/97. *Asterisque* **245** (1997), 355-378.
61. Algebraic cocycles on quasi-projective varieties, *Compositio Math.* **110** (1998), 127-162.
62. (with H.B. Lawson) Moving algebraic cycles of bounded degree. *Inventiones Math.* **132** (1998), 91-119.
63. Geometry of infinitesimal group schemes. *Documenta Mathematica* **1998**, Extra Vol. II, 55-65.
64. (with C. Weibel) An overview of algebraic  $K$ -theory, 1997 Trieste lecture notes; in *Algebraic K-theory and its Applications*. World Scientific Publishing (1999), 1 – 119.
65. (with V. Franjou, A. Scorichenko, and A. Suslin) General linear and functor cohomology over finite fields, *Annals of Math* **150** (1999), 663-728.
66. (with V. Voevodsky) Bivariant cycle cohomology. In *Cycles, Transfers, and Motivic Homology Theories*. *Annals of Math Studies*, Princeton University Press 2000, 138-187.
67. Bloch-Ogus properties for topological cycle theory, *Annales Ec. Norm Sup.* **33** (2000), 57-65.
68. Intersection products for spaces of algebraic cycles, *Recent progress in intersection theory (Bologna, 1997)*, 217–237, *Trends Math.*, Birkhauser 2000.
69. Relative Chow correspondences and the Griffiths group. *Annales de l'Institut Fourier, Grenoble* **50** (2000), 1073-1098.
70. (with M. Walker) Function spaces and continuous algebraic pairings for varieties, *Compositio Math.* **125** (2001), 69–110.
71. (with M. Walker) Comparing  $K$  theories for complex varieties, *American J. of Math* **123** (2001), 779–810.
72. (with M. Walker) Some remarks concerning mod- $n$   $K$ -theory. *Invent. math* **145** (2001), 545–555.
73. (with M. Walker) Semi-topological  $K$ -theory using function complexes. *Topology* **41** (2002), 591–644.
74. (with M. Walker) Semi-topological  $K$ -theory of real varieties. *Proceedings of the International Colloquium on Algebra, Arithmetic and Geometry*, Tata Institute of Fundamental Research, Mumbai 2000, Ed. R. Parimala, (2001), 219–326.
75. (with A. Suslin) The spectral sequence relating algebraic  $K$ -theory to motivic cohomology, *Ann. Sci. Ec Norm. Sup.* **35** (2002), 773–875.
76. (with M. Rapoport and A. Suslin) The mathematical work of the 2002 Fields medalists, *Notices of the A.M.S.* **50** (2003), 212–217.

77. (with M. Walker) Rational isomorphisms between K-theories and cohomology theories, *Inventiones Math.* **154** (2003), 1–61.
78. Lectures on the cohomology of finite group schemes. In *Rational Representations, The Steenrod Algebra, and Functor Homology*, S.M.F. **16** (2003) 27-53
79. (with C. Haesemeyer and M. Walker), Techniques, computations and conjecture for semi-topological K-theory, *Math Annalen* **330** (2004), 759-807.
80. (with J. Pevtsova) Representation-theoretic support spaces for finite group schemes, *American Journal of Math* **127** (2005), 379-420.
81. (with M. Walker) Semi-topological K-theory, in *Handbook of K-theory*, vol I (2005).
82. (with J. Pevtsova and A. Suslin), Generic and maximal Jordan types, *Inventiones Math* **168** (2007), 485-522.
83. (with J. Pevtsova)  $\Pi$ -supports for modules for finite group schemes over a field, *Duke Math. J.* **139** (2007), 317-368.
84. (with J. Carlson and J. Pevtsova), Modules of constant Jordan type, *Journal für die reine und angewandte Mathematik* **614** (2008), 191-234.
85. (with V. Franjou) Cohomology of Bifunctors, *Proceedings of the London Mathematical Society* **97** (2008), 514-544.
86. The Friedlander-Milnor Conjecture, *L'Enseignement Mathématique* **54** (2008), 90-92.
87. Lectures in K-Theory. *Proceedings of the K-Theory summer school, 2007*, Published by ICTP Press, 2008.
88. (with H.B. Lawson) Graph mappings and Poincaré duality, *Math Annalen*, **343** (2009), 431- 461.
89. (with J. Carlson), Exact category of modules of constant Jordan type. Exact category of modules of constant Jordan type. *Manin Festschrift, Progress in Mathematics*, vol. 269, Birkhäuser-Boston (2009), 267-290.
90. Weil restriction and support varieties, *Journal für die reine und angewandte Mathematik*, **648** (2010), 183-200.
91. (with C. Haesemeyer), Lipschitz cycles and Poincaré duality, in *The Geometry of Algebraic Cycles*, *Clay Mathematics Proceedings*, vol 9, Amer. Math. Soc, Providence, RI, 2010, pp. 33-51.
92. (with J. Pevtsova) Generalized support varieties for finite group schemes, *Documenta Mathematica - Extra volume Suslin* (2010), 197-222.
93. (with J. Carlson and A. Suslin), Modules for  $\mathbf{Z}/\mathfrak{p} \times \mathbf{Z}/\mathfrak{p}$ , *Commentarii Mathematici Helvetici* **86** (2011), 609-657.
94. Restrictions to  $G(\mathbf{F}_{\mathfrak{p}})$  and  $G_{(r)}$  of rational  $G$ -modules, *Compositio Mathematica* **147** (2011), 1955-1978.

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