

Luchezar L. Avramov
CURRICULUM VITAE

DEGREES

1986	D.Sc.	Moscow State University	Russia
1975	Ph.D.	Moscow State University Advisor: E. S. Golod	Russia
1970	M.Sci. (cum laude)	Moscow State University	Russia

CAREER

2002 Jan.–	Professor	Dale M. Jensen Chair in Mathematics University of Nebraska	Lincoln, NE
1991 Jan.–2001 Dec.	Professor	Purdue University	W. Lafayette, IN
1989 Jul.–1990 Dec.	Professor	Academy of Sciences	Sofia, Bulgaria
1981 Jul.–1989 Jun.	Associate Professor	University of Sofia	Bulgaria
1975 Jul.–1981 Jun.	Research Associate	Academy of Sciences	Sofia, Bulgaria
1970 Jul.–1971 Aug.	Instructor	Academy of Sciences	Sofia, Bulgaria

VISITS (one month or more)

2005 June	Professor	University of Paris VI	France
2003 Jan–May	Co-organizer	MSRI, year-long program <i>Commutative Algebra</i>	Berkeley, CA
1997 May–June	Professor	University of Paris XIII	France
1997 April	Professor	Meiji University	Tokyo, Japan
1997 Jan.	Visitor	University of Copenhagen	Denmark
1989 Sept.–Dec.	Professor	University of Nice	France
1989 June	Visitor	University of Stockholm	Sweden
1989 May	Professor	University of Copenhagen	Denmark
1988 July	Professor	University of Lille	France
1987 July	Visitor	University of Toronto	Canada
1987 Jan.–May	Associate Professor	Moscow State University	Russia
1986 April	Visitor	University of North Carolina	Chapel Hill, NC
1984 Jan.–May	Professor	University of Toronto	Canada
1983 Jan.–Dec.	G. A. Miller Scholar	University of Illinois	Urbana, IL
1981 April–June	Member	Institute Mittag-Leffler	Djursholm, Sweden
1981 March	Professor	University of Paris VI	France
1979 Feb.–March	Member	Institute Mittag-Leffler	Djursholm, Sweden
1976 Oct.	Visitor	University of Stockholm	Sweden
1973 Feb.–June	UNESCO Fellow	Warwick University	Coventry, UK

NSF SUPPORT

Homology and Cohomology over Commutative Rings, June 2002–May 2007, \$356,322.
Modules over Commutative Rings and Cohomology Operations, June 1999–May 2002, \$105,000.
Ring Homomorphisms and Resolutions, June 1996–May 1999, \$104,550.
Commutative Rings and Differential Graded Algebras, June 1991–May 1996, \$240,550.
Algebra and Geometry, US-Bulgarian Project, Nov. 1989–Oct. 1994, \$37,555 [Bulgarian PI].

Date: July 31, 2007

EDITORIAL BOARDS

- 2005– *Journal of Algebra*
 2003– *Illinois Journal of Mathematics*
 1999– *Homology, Homotopy, and Applications*
 1984–2004 *Serdica Bulg. Math. Publ.*

CONFERENCE PROCEEDINGS

- 2007 L. L. Avramov, J. D. Christensen, W. G. Dwyer, M. A. Mandell, B. Shipley, (Eds.)
Interactions between Homotopy Theory and Algebra (Chicago, 2004),
 Contemporary Math. **436**, Amer. Math. Soc., Providence, RI.
- 2004 L. L. Avramov, M. Green, C. Huneke, K. E. Smith, B. Sturmfels, (Eds.)
Trends in Commutative Algebra (Berkeley, 2003)
 MSRI Publ. **51**, Cambridge Univ. Press, Cambridge; x+254 pp.
- 2003 L. L. Avramov, M. Chardin, M. Morales, C. Polini (Eds.)
Commutative algebra. Interactions with algebraic geometry (Grenoble-Lyon, 2001)
 Contemporary Math. **331**, Amer. Math. Soc., Providence, RI; xiv+358 pp.
- 1988 L. L. Avramov, K. B. Tchakerian (Eds.)
Algebra. Some Current Trends (Varna, 1986)
 Lecture Notes in Math. **1352**, Springer, Berlin; x + 240pp.

MEETINGS ORGANIZED

- 2006 *Pioneers of Bulgarian Mathematics*
 Section in Algebra and Number Theory
 University of Sofia, Sofia, Bulgaria
 (with K. B. Tchakerian, D. Tolev)
- 2005 *Nebraska Commutative Algebra Conference: WiegandFest*
 University of Nebraska, Lincoln, NE
 (with D. Jorgensen and A. Li)
- 2004 *Interactions between Homotopy Theory and Algebra*
 Summer School, University of Chicago, Chicago, IL
 (with D. Christensen, W. Dwyer, M. Mandell, B. Shipley)
- 2003 *Commutative Algebra: Interactions with Homological Algebra*
Homological Algebra and Representation Theory
 Workshop, MSRI, Berkeley, CA
 (with R.-O. Buchweitz and J. Greenlees)
- 2002–03 *Commutative Algebra*,
 Year-Long Program, MSRI, Berkeley, CA
 (with M. Green, C. Huneke, K. Smith, B. Sturmfels)
- 2001 *Commutative Algebra. Interactions with Algebraic Geometry*
 International Conference, Grenoble, France
 (with M. Morales)
- 2000 *Commutative Algebra*
 Special Session, AMS Meeting #959, New York, NY
 (with I. Peeva)
- 1986 *Summer School in Algebra*
 International Conference, Varna, Bulgaria
 (with K. B. Tchakerian)

INVITED LECTURES

ADDRESSES AND LECTURE SERIES

2005	Main Lecturer	Workshop <i>Minnowbrook Workshop in Commutative Algebra</i>	Minnowbrook, NY	[3 lectures]
2004	Plenary Address	AMS Meeting #998 <i>6th International Joint Meeting of the AMS and the SMM</i>	Houston, TX	
2003	Main Speaker	AMS Summer Res. Conf. <i>Commutative Algebra: Presentations by Young Researchers</i>	Snowbird, UT	
2002	Main Lecturer	Workshop <i>Homological Methods in Commutative Algebra</i>	Tehran, Iran	[3 lectures]
2001	Main Lecturer	Summer School <i>Homological Conjectures for Finite Dimensional Algebras</i>	Nordfjordeid, Norway	[3 lectures]
2000	Main Lecturer	Workshop <i>9th International Conference on Representations of Algebras</i>	Beijing, China	[2 lectures]
1996	Main Lecturer	Summer School <i>Commutative Algebra</i>	Barcelona, Spain	[5 lectures]
1995	Plenary Address	AMS Meeting #904	Kent, OH	
1992	Plenary Address	CMS Summer Meeting	Toronto, Canada	
1992	Main Speaker	AMS Summer Res. Conf. <i>Commutative Algebra: Syzygies, Multiplicities, Birational Algebra</i>	Mt. Holyoke, MA	
1991	Stone Lecturer	Northeastern University	Boston, MA	[3 lectures]
1989	Founder's Day Address	University of Sofia	Bulgaria	
1987	Main Lecturer	MSRI Mini-Program <i>Commutative Algebra</i>	Berkeley, CA	[2 lectures]
1984	Main Lecturer	Nordic Summer School <i>Algebra, Algebraic Topology, and their Interactions</i>	Stockholm, Sweden	[4 lectures]

CONFERENCE TALKS

Forty-five minutes to one hour

72. *Perspectives in Auslander-Reiten Theory*,
Norwegian University of Science and Technology, Trondheim, Norway, 2007
71. *Advances in Algebra and Geometry*,
MSRI, Berkeley, CA, 2007
70. *Syzygies and Hilbert Functions*,
BIRS, Banff, Canada, 2006
69. *Workshop in Commutative Algebra in honour of Winfried Bruns*
University Osnabrück, Osnabrück, Germany, 2006
68. *Commutative Algebra and its Interaction with Algebraic Geometry*
CIRM, Luminy, France, 2006
67. *Castenuovo-Mumford regularity and related topics*
CIRM, Luminy, France, 2006
66. *Thick Subcategories of Triangulated Categories*
MRI, Oberwolfach, Germany, 2006.
65. *Topology Day in Honour of Jean-Claude Thomas*
University of Angers, France, 2006

64. *Commutative Algebra*, Special Session
AMS Meeting #1011, Lincoln, NE, 2005
63. *Commutative Algebra*, Conference in Honor of Phillip Griffith
University of Illinois, Urbana, IL, 2005.
62. *Cohomology of Finite Groups: Interactions and Applications*
MRI, Oberwolfach, Germany, 2005
61. *Commutative Algebra: Homological and Birational Theory*
BIRS, Banff, Canada, 2004.
60. *Representation Theory and its Applications*
Uppsala, Sweden, 2004
59. *Midwest Commutative Algebra and Geometry Meeting*
A Conference in Honor of Joseph Lipman
Purdue University, West Lafayette, IN, 2004
58. *Commutative Algebra*
Instituto Superior Tecnico, Lisbon, Portugal, 2003
57. *Commutative Algebra and its Interactions with Algebraic Geometry*
CIRM, Luminy, France, 2003
56. *Hochschild Cohomology*
University of Leicester, UK, 2003
55. *Commutative Algebra: Local and Birational Geometry*
MSRI, Berkeley, CA, 2002
54. *KUMUNU Meeting in Commutative Algebra*
University of Kansas, Lawrence, KS, 2002
53. *Current Trends in Commutative Algebra*
CIRM, Levico Terme, Italy, 2002
52. *Commutative Algebra Days*
University of Nebraska, Lincoln, NE, 2002
51. *Exterior Algebra Methods in Algebraic Geometry*
Center for Scientific Culture, Erice, Italy, 2001
50. *Commutative Ring Theory and Applications*
University of Fez, Morocco, 2001
49. *Quadratic Relations*
University of Stockholm, Sweden, 2000
48. *Representation Theory of Algebras*
Bishop's University, Lennoxville, Quebec, Canada, 2000
47. *Commutative Algebra and its Interaction with Algebraic Geometry*
CIRM, Luminy, France, 2000
46. *Centennial Conference in Commutative Algebra*
University of Nebraska, Lincoln, NE, 2000
45. *Szygies*, Special Session
AMS Meeting #952, Lowell, MA, 2000
44. *Algebra, Arithmetic, and Geometry*
Tata Institute for Fundamental Research, Mumbai, India, 2000
43. *Algebra Day!*
Indiana University, Bloomington, IN, 1999
42. *Commutative Algebra*
Special Session, AMS Meeting #946, Salt Lake City, UT, 1999

41. *Commutative Algebra and Algebraic Geometry*
MRI, Oberwolfach, Germany, 1999
40. *Commutative Algebra and its Related Topics*
Korea Institute for Advanced Study, Seoul, Korea, 1999
39. *Commutative Algebra, Homological Algebra, and Representation Theory*
University of Genoa, Italy, 1998.
38. *Homological Methods in Group Representations*
CIRM, Luminy, France, 1997
37. *Homotopy Theory*
University of Nantes, France, 1997
36. *Commutative Algebra*
CIRM, Luminy, France, 1997
35. *Conference in Memory of H. Matsumura*
Nagoya University, Japan, 1996
34. *A. G. Kurosh Memorial Meeting*
Moscow State University, Russia, 1996
33. *Regularity of Toric Varieties*
University of California, Berkeley, 1996
32. *Szygies and Geometry*
Northeastern University, Boston, MA, 1995
31. *Commutative Algebra*
University of Vechta, Germany, 1994
30. *Hilbert Series and Related Topics*
Cornell University, Ithaca, NY, 1993
29. *Algebraic Geometry—Interactions between
Commutative Algebra and Algebraic Geometry*
University of Missouri, Columbia, 1993
28. *Bulgarian–U.S. Workshop in Algebra and Geometry*
Bulgarian Academy of Sciences, Sofia, 1992
27. *Midwest–Great Plains Workshop in Commutative Algebra*
University of Kansas, Lawrence, 1992
26. *Free Resolutions in Commutative Algebra and Algebraic Geometry*
Sundance, UT, 1990
25. *Rational Homotopy Theory*
University of Lille I, France, 1989
24. *K-Theory*
University of Paris VI, France, 1989
23. *Commutative Algebra and Algebraic Geometry*
MRI, Oberwolfach, Germany, 1989
22. *Homotopy Theory*
CIRM, Luminy, France, 1988
21. *Algebraic Geometry and Computing*
CIRM, Luminy, France, 1988
20. *Commutative Algebra and Algebraic Geometry*
IMC ‘Stefan Banach’, Warsaw, Poland, 1988
19. *Rational Homotopy*
Catholic University, Louvain-la-Neuve, Belgium, 1986

18. *Local Algebra and Local Analytic Geometry*
MRI, Oberwolfach, Germany, 1986
17. *Singularities*
Special Year, University of North Carolina, Chapel Hill, NC, 1986
16. *Commutator Calculus and Homotopy Theory*
MPI, Bonn, Germany, 1986
15. *Algebraic Geometry*
Humboldt University, Berlin, Germany, 1985
14. *Homotopical Algebra and Applications*
University of Wales, Bangor, UK, 1985
13. *Midwest Algebraic Geometry Conference*
Purdue University, West Lafayette, IN, 1984
12. *Midwest Algebraic Geometry Conference*
University of Illinois, Urbana, IL, 1983
11. *Algebraic Homotopy and Local Algebra*
CIRM, Luminy, France, 1982
10. *Local Algebra and Local Analytic Geometry*
MRI, Oberwolfach, Germany, 1982
9. *Commutative Algebra and Algebraic Geometry*
Kyoto University, Japan, 1981
8. *Commutative Algebra*
Taniguchi Foundation, Katata, Japan, 1981
7. *Commutative Algebra and Algebraic Geometry*
MRI, Oberwolfach, Germany, 1981
6. *Young Tableaux, Schur Functors, and their Applications to Algebra and Geometry*
University of Toruń, Poland, 1980
5. *Algebraic Geometry*
University of Bucharest, Romania, 1980
4. *Commutative Algebra and Algebraic Geometry*
University of Bratislava, Slovakia, 1980
3. *Commutative Algebra and Algebraic Geometry*
MRI, Oberwolfach, Germany, 1979
2. *Algebra Days*
University of Caen, France, 1978
1. *Local Algebra and Local Analytic Geometry*
MRI, Oberwolfach, Germany, 1976

Twenty or thirty minutes

26. *Representation Theory and Galois Cohomology in Number Theory*, Special Session
AMS Meeting #1024, Davidson, NC, 2007
25. *Commutative Algebra and Algebraic Geometry*, Special Session
AMS Meeting #1024, Davidson, NC, 2007
24. *Commutative Algebra and Algebraic Geometry*, Special Session
CMS Winter Meeting, Toronto, Canada, 2006
23. *Commutative Algebra*, Special Session
AMS Meeting #1016, Notre Dame, IN, 2006
22. *Homological Aspects of Commutative Algebra*, Special Session
AMS Meeting #1009, Annandale-on-Hudson, NY, 2005

21. *Representation Theory of Finite-Dimensional Algebras*, MRI, Oberwolfach, Germany, 2005
20. *Local and Homological Algebra*, Special Session AMS Meeting #999 Nashville, TN, 2004
19. *Interaction of Finite Dimensional Algebras with Other Areas of Mathematics* BIRS, Banff, Canada, 2004
18. *Commutative Algebra and Algebraic Geometry*, Special Session AMS Meeting #997 Lawrenceville, NJ, 2004
17. *Commutative Algebra*, Special Session AMS Meeting #974 Ann Arbor, MI, 2002
16. *Commutative Algebra and Algebraic Geometry*, Special Session AMS Annual Meeting #108, San Diego, CA, 2002
15. *Commutative Algebra*, Special Session AMS Annual Meeting #105, San Antonio, TX, 1999
14. *Commutative Algebra*, Special Session AMS Meeting #935, Chicago, IL, 1998
13. *Commutative Algebra and Algebraic Geometry*, Special Session AMS Annual Meeting #104, Baltimore, MD, 1998
12. *Commutative Algebra, Representation Theory, and Combinatorics* in Honor of David Buchsbaum, Northeastern University, Boston, MA, 1997
11. *Commutative Algebra*, Special Session AMS Meeting #924, Montreal, Canada, 1997
10. *Commutative Algebra*, Special Session AMS Meeting #916, Columbia, MO, 1996
9. *Commutative Algebra*, Special Session AMS Annual Meeting #102, Orlando, FL, 1996
8. *Commutative Algebra*, Special Session AMS Meeting #899, Orlando, FL, 1995
7. *Commutative Rings and Modules*, Special Session AMS Meeting #880, Salt Lake City, UT, 1993
6. *Topology and its Connections to Geometry and Representation Theory*, Northwestern University, Evanston, IL, 1992
5. *Commutative Algebra*, Special Session AMS Meeting #873, Springfield, MO, 1992
4. *Commutative Algebra*, Special Session AMS Meeting #869, Fargo, ND, 1991
3. *Commutative Noetherian Rings with Applications to Algebraic Geometry*, Special Session AMS Meeting #867, Orono, ME, 1991
2. *Commutative Algebra*, Special Session AMS Annual Meeting #90, Louisville, KY, 1984
1. *Commutative Algebra*, Special Session AMS Meeting #808, Evanston, IL, 1983

LIST OF PUBLICATIONS

82. L. L. Avramov, S. Iyengar, L. M. Sega, *Free resolutions over short local rings*, Preprint, 2007, 17 pp.
81. L. L. Avramov, S. Iyengar, *Gorenstein algebras and Hochschild cohomology*, Preprint, 2007, 26 pp.
80. L. L. Avramov, R.-O. Buchweitz, S. Iyengar, C. Miller, *Homology of perfect complexes*, Preprint, 2006, 39 pp.
79. L. L. Avramov, S. Iyengar, *Constructing modules with prescribed cohomological support*, Illinois J. Math. **51** (2007), Special Issue dedicated to Phillip Griffith, to appear.
78. L. L. Avramov, R.-O. Buchweitz, S. Iyengar, *Class and rank of differential modules*, Invent. Math. **169** (2007), 1–35.
77. L. L. Avramov, O. Veliche, *Stable cohomology over local rings*, Adv. Math., **213** (2007), 93–139.
76. L. L. Avramov, S. Iyengar, C. Miller, *Homology over local homomorphisms*, Amer. J. Math. **128** (2006), 23–90.
75. L. L. Avramov, S. Iyengar, *Gaps in Hochschild cohomology imply smoothness for commutative algebras*, Math. Res. Letters **12** (2005), 789–804.
74. L. L. Avramov, R.-O. Buchweitz, L. M. Şega, *Extensions of a dualizing complex by its ring: Commutative versions of a conjecture of Tachikawa*, J. Pure Appl. Algebra **201** (2005), 218–239.
73. L. L. Avramov, S. Iyengar, *André-Quillen homology of algebra retracts*, Ann. Sci. École Normale Sup. (4) **36** (2003), 431–462.
72. L. L. Avramov, *Homotopy Lie algebras and Poincaré series of algebras with monomial relations*, Homology Homotopy Appl., **4** No. 2 (2002), 17–27.
71. L. L. Avramov, *The work of Jan-Erik Roos on the cohomology of commutative rings*, Homology Homotopy Appl., **4** No 2 (2002), 1–16.
70. L. L. Avramov, *Homological dimensions and related invariants of modules over local rings*, Representations of Algebras, ICRA IX (Beijing, 2000), vol. I, Beijing Normal Univ. Press, 2002; pp. 1–39.
69. L. L. Avramov, S. Iyengar, *Homological criteria for regular homomorphisms and for locally complete intersection homomorphisms*, Algebra, Arithmetic and Geometry (Mumbai, 2000), T.I.F.R. Studies in Math **16** vol. I, Narosa, New Delhi, 2002; pp. 97–122.
68. L. L. Avramov, A. Martsinkovsky, *Absolute, relative, and Tate cohomology of modules of finite Gorenstein dimension*, Proc. London Math. Soc. **85** (2002), 393–440.
67. L. L. Avramov, D. R. Grayson, *Resolutions and cohomology over complete intersections*, Computations in algebraic geometry with Macaulay 2, Algorithms and Computations in Mathematics **8**, Springer, Berlin, 2002; pp. 131–178.
66. L. L. Avramov, C. Miller, *Frobenius powers of complete intersections*, Math. Res. Letters **8** (2001), 225–232.
65. L. L. Avramov, I. Peeva, *Finite regularity and Koszul algebras*, Amer. J. Math. **123** (2001), 275–281.
64. L. L. Avramov, R.-O. Buchweitz, *Support varieties and cohomology over complete intersections*, Invent. Math. **142** (2000), 285–318.
63. L. L. Avramov, S. Iyengar, *Finite generation of Hochschild homology algebras*, Invent. Math. **140** (2000), 143–170.
62. L. L. Avramov, R.-O. Buchweitz, *Homological algebra modulo a regular sequence, with special attention to codimension two*, J. Algebra, **230** (2000), 24–67.

61. A. Aramova, L. L. Avramov, J. Herzog, *Resolutions of monomial ideals and cohomology over exterior algebras*, Trans. Amer. Math. Soc. **352** (2000), 579–594.
60. L. L. Avramov, *Locally complete intersection homomorphisms and a conjecture of Quillen on the vanishing of cotangent homology*, Annals of Math. (2) **150** (1999), 455–487.
59. L. L. Avramov, *Infinite free resolutions*, Six Lectures on Commutative Algebra (Bellaterra, 1996), Progress in Math. **166**, Birkhäuser, Basel, 1998; 1–118.
58. L. L. Avramov, L.-C. Sun, *Cohomology operators defined by a deformation*, J. Algebra **204** (1998), 684–710.
57. L. L. Avramov, H.-B. Foxby, *Cohen-Macaulay properties of ring homomorphisms*, Adv. Math. **133** (1998), 54–95.
56. L. L. Avramov, V. N. Gasharov, I. V. Peeva, *Complete intersection dimension*, Publ. Math. IHES **86** (1997), 67–114.
55. L. L. Avramov, H.-B. Foxby, *Ring homomorphisms and finite Gorenstein dimension*, Proc. London Math. Soc. (3) **75** (1997), 241–270.
54. L. L. Avramov, R.-O. Buchweitz, J. D. Sally, *Laurent coefficients and Ext of finite graded modules*, Math. Ann. **307** (1997), 401–415.
53. L. L. Avramov, A. Borek, *Factorial extensions of regular local rings and invariants of finite groups*, J. Reine Angew. Math. **478** (1996), 177–188.
52. L. L. Avramov, *Modules with extremal resolutions*, Math. Res. Lett. **3** (1996), 319–328.
51. L. L. Avramov, J. Herzog, *Jacobian criteria for complete intersections. The graded case*, Invent. Math. **117** (1994), 75–88.
50. L. L. Avramov, H.-B. Foxby, *Grothendieck’s localization problem*, Commutative Algebra: Syzygies, Multiplicities, and Birational Algebra (South Hadley, MA, 1992), Contemp. Math. **159**, Amer. Math. Soc., Providence, RI, 1994; 1–13.
49. L. L. Avramov, *Local rings over which all modules have rational Poincaré series*, J. Pure Appl. Algebra **91** (1994), 29–48.
48. L. L. Avramov, H.-B. Foxby, B. Herzog, *Structure of local homomorphisms*, J. Algebra **164** (1994), 124–145.
47. L. L. Avramov, R.-O. Buchweitz, *Lower bounds for Betti numbers*, Compositio Math. **86** (1993), 147–158.
46. L. L. Avramov, H.-B. Foxby, J. Lescot, *Bass series of local ring homomorphisms of finite flat dimension*, Trans. Amer. Math. Soc. **335** (1993), 497–523.
45. L. L. Avramov, M. Vigué-Poirrier, *Hochschild homology criteria for smoothness*, Internat. Math. Res. Notices **2** [in: Duke Math. J. **65**, no. 2] (1992), 17–25.
44. L. L. Avramov, D. Eisenbud, *Regularity of modules over a Koszul algebra*, J. Algebra **153** (1992), 85–90.
43. L. L. Avramov, *Problems on infinite free resolutions*, Free Resolutions in Commutative Algebra and Algebraic Geometry (Sundance, UT, 1990), Res. Notes in Math **2**, Jones and Bartlett, Boston, MA, 1992; 3–23.
42. L. L. Avramov, H.-B. Foxby, *Locally Gorenstein homomorphisms*, Amer. J. Math. **114** (1992), 1007–1047.
41. L. L. Avramov, H.-B. Foxby, *Homological dimensions of unbounded complexes*, J. Pure Appl. Algebra **71** (1991), 129–155.
40. L. L. Avramov, Y. Félix, *Espaces de Golod*, Théorie de l’Homotopie (Luminy, 1989), Astérisque **191**, Soc. Math. France, Paris, 1990; 29–34.
39. L. L. Avramov, H.-B. Foxby, *Gorenstein local homomorphisms*, Bull. Amer. Math. Soc. (N.S.) **23** (1990), 145–150.

38. L. L. Avramov, V. N. Gasharov, I. V. Peeva, *A periodic module of infinite virtual projective dimension*, J. Pure Appl. Algebra **62** (1989), 1–5.
37. L. L. Avramov, H.-B. Foxby, J. Lescot, *Séries de Bass des homomorphismes locaux de Tor-dimension finie*, C. R. Acad. Sci. Paris Sér. I Math. **309** (1989), 645–649.
36. L. L. Avramov, *Homological asymptotics of modules over local rings*, Commutative Algebra (Berkeley, CA, 1987), MSRI Publ. **15**, Springer, Berlin, 1989; 33–62.
35. L. L. Avramov, *Modules of finite virtual projective dimension*, Invent. Math. **96** (1989), 71–101.
34. L. L. Avramov, A. R. Kustin, M. Miller, *Poincaré series of modules over local rings of small embedding codepth or small linking number*, J. Algebra **118** (1988), 162–204.
33. L. L. Avramov, S. Halperin, *On the nonvanishing of cotangent cohomology*, Comment. Math. Helv. **62** (1987), 169–184.
32. L. L. Avramov, *Torsion in loop space homology*, Topology **25** (1986), 155–157.
31. A. G. Aramova, L. L. Avramov, *Singularities of quotients by vector fields in characteristic p* , Math. Ann. **273** (1986), 629–645.
30. L. L. Avramov, *Golod homomorphisms*, Algebra, Algebraic Topology and their Interactions (Stockholm, 1983), Lecture Notes in Math. **1183**, Springer, Berlin, 1986; 59–78.
29. L. L. Avramov, S. Halperin, *Through the looking glass: a dictionary between rational homotopy theory and local algebra*, Algebra, Algebraic Topology and their Interactions (Stockholm, 1983), Lecture Notes in Math. **1183**, Springer, Berlin, 1986; 1–27.
28. L. L. Avramov, H.-B. Foxby, S. Halperin, *Descent and ascent of local properties along homomorphisms of finite flat dimension*, J. Pure Appl. Algebra **38** (1985), 167–185.
27. L. L. Avramov, S. Halperin, *On the structure of the homotopy Lie algebra of a local ring*, Homotopie Algébrique et Algèbre Locale (Luminy, 1982), Astérisque **113-114**, Soc. Math. France, Paris, 1984; 153–155.
26. L. L. Avramov, *Local algebra and rational homotopy*, Homotopie Algébrique et Algèbre Locale (Luminy, 1982) Astérisque **113-114**, Soc. Math. France, Paris, 1984; 15–43.
25. L. L. Avramov, *Local rings of finite simplicial dimension*, Bull. Amer. Math. Soc. (N.S.) **10** (1984), 289–291.
24. L. L. Avramov, *Obstructions to the existence of a multiplicative structure on minimal resolutions*, Russian Math. Surveys **38:3** (1984), 141–142.
23. R. Achilles, L. L. Avramov, *Relations between properties of a ring and of its associated graded ring*, Seminar D. Eisenbud/B. Singh/W. Vogel, Vol. 2, Teubner, Leipzig, 1982; 5–29.
22. L. L. Avramov, *Descente des déviations par homomorphismes locaux et génération des idéaux de dimension projective finie*, C. R. Acad. Sci. Paris Sér. I Math. **295** (1982), 665–668.
21. L. L. Avramov, *Pseudoreflection group actions on local rings*, Nagoya Math. J. **88** (1982), 161–180.
20. L. L. Avramov, J. Lescot, *Bass numbers and Golod rings*, Math. Scand. **51** (1982), 199–211.
19. A. G. Aramova, L. L. Avramov, *When do the symmetric tensors of a commutative algebra form a Frobenius algebra?*, Proc. Amer. Math. Soc. **85** (1982), 299–304.
18. L. L. Avramov, *Free Lie subalgebras of the cohomology of local rings*, Trans. Amer. Math. Soc. **270** (1982), 589–608.
17. L. L. Avramov, *Invariants d'un groupe fini engendré par des pseudo-reflexions, opérant sur un anneau local*, Séminaire d'Algèbre Dubreil-Malliavin (Paris, 1981), Lecture Notes in Math. **924**, Springer, Berlin, 1982; 375–383.

16. L. L. Avramov, *Obstructions to the existence of multiplicative structures on minimal free resolutions*, Amer. J. Math. **103** (1981), 1–31.
15. L. L. Avramov, *Complete intersections and symmetric algebras*, J. Algebra **73** (1981), 248–263.
14. L. L. Avramov, *Symmetric algebras of modules of projective dimension one*, Algebraic Geometry (Bucharest, 1980), Teubner, Leipzig, 1981; 5–11.
13. L. L. Avramov, *Poincaré series of almost complete intersections of embedding dimension three*, Pliska Stud. Math. Bulgar. **2** (1981), 167–172.
12. L. L. Avramov, J. Herzog, *The Koszul algebra of a codimension 2 embedding*, Math. Z. **175** (1980), 249–260.
11. L. L. Avramov, *Sur la croissance des nombres de Betti d'un anneau local*, C. R. Acad. Sci. Paris Sér. A-B **289** (1979), A369–A372.
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Ines Henriques (since 2006)

Frank Moore (since 2004)

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