

CURRICULUM VITAE

January 17, 2008

NAME: Erik Kjær Pedersen.

BIRTH: January 27, 1946, Vivild, Denmark.

ADDRESS: Department of Mathematics, SUNY at Binghamton.

EDUCATION: Aarhus University Cand Scient 1964-1969.
University of Chicago Ph.D. 1971-1974.

EMPLOYMENT: Lektor, Odense University 1974-1989.
Visitor, University of Manchester 1975 (1 month).
Visitor, University of Chicago 1976 (1 month).
Visitor, Princeton University 1978/79 (12 months).
Gastprofessor, University of Göttingen 1984/85 (12 months, 1986 (1 month), 1987 (1 month).
Professor, SUNY at Binghamton, Sept. 1989 -
Chairman, University of Copenhagen Jan. 2006 -
Hooker distinguished visiting professor, Fall 1989,
(4 months) McMaster University.
Visitor MSRI Berkeley, Spring 1990, (1 month).
Visiting Professor, Aarhus University, Summer 1993 (2 months),
1994 (2 weeks), 1995 (2 months), 1996 (1.5 months),

1997 (1 month), 1998 (1 month), 2001 (1 month).
Visitor Mittag-Leffler Institute, May 1994, February 2006.
Gastprofessor, Max Planck Institut für Mathematik Bonn 1994/95
(1 year), Summer 1996 (1 month), Summer 1999 (1 month).
Visiting Professor, Odense University, 1997/98 (13 months).
Gastprofessor, University of Münster 2000 (1 month).
2002 (1 month), 2002/03 (1 year), 2004 (1 month), 2005 (1 month),
2006 (1 month).

SPECIAL AWARDS: Danish Research Council Grant 1987-1989
NSF Grant 1991-1994.
NSF Grant 1996-1998.
NSF Grant 2005-2008.

PH.D. STUDENTS:
Ron Sperber, 2004
David Rosenthal, 2002
Manuel Cardenas, 1997
Douglas Mennella, 1997

ADMINISTRATIVE EXPERIENCE:

Member of the Study board Committee, Odense University, 1975-1977.
Member of the Faculty Council, Odense University, 1977-1983.
Member of the Study board Committee, Odense University 1985.
Chairman, Odense University, 1987-1989.
Member of the Faculty Council, Odense University, Fall 1988.
Editor of *Mathematica Scandinavica* 1983-1995.
Discretionary Raise Committee, Binghamton University, 1990-1993.
Graduate Committee, Binghamton University, 1990-1992.
ACSR Committee, Binghamton University, 1991-1992.
Anderson room Committee, Binghamton University, 1991-1994.
Graduate Committee, chair, Binghamton University 1993-1994.
Graduate Committee, chair, Binghamton University, 1995-1998.
Discretionary Raise Committee, Binghamton University, 1995-1997
Coorganizer (together with M. Gromov, I. Hambleton and W. Lück) of a conference on “Geometric Groups and Bounded Topology” January 14-20, 1996 at Shloß Ringberg Germany.
Member of the senate, Binghamton University, 1996-1997.
Coorganizer (together with K. Grove and I. Madsen) of a major international conference on Geometry and Topology at Aarhus University, August 9-15, 1998.
Chairman, Binghamton University 1999 -2002
Coorganizer (together with W. Lück and I. Hambleton) of a Workshop on Bounded Topology and Geometric Group Theory at University of Münster, May 29 - June 3., 2000.
Member of senate executive committee, Binghamton University, 1999-2001.
Coorganizer (together with I. Hambleton) of a section at an AMS meeting at Binghamton University.
Coorganizer (together with A. Ranicki) Oberwolfach Mini-Workshop: The Hauptvermutung for High-Dimensional Manifolds.
Chairman, Binghamton University Sept. 2005 - Jan. 2006.
Chairman, Copenhagen University Jan. 2006 -
October 29 - November 1 2007, External evaluator of the Math. Dept at Miami University, Oxford Ohio.

1 Invited adresses

September 29, 2007, Invited speaker at conference: Thirty years of Research Seminar, Invarianten Theorie und algebraische Topologie, Göttingen Universität, 1 hour talk.

July 28, 2007, Invited speaker at conference on Diversity in Mathematics and Scientific Community, Banff International research Centre, 20 minute talk.

July 25, 2007, 1 hour seminar talk, University of BC, Vancouver.

May 29, 2007, 1 hour seminar talk, Stanford University.

May 11, 2007, 1 hour seminar talk, Edinburgh University.

April 14, Invited speaker at Workshop on Nil Phenomena in Topology, Vanderbilt University, 1 hour talk.

November 28, 2006, 1 hour seminar talk, Vassar College.

August 14-18, 2006, 2 1 hour lectures at Oberwolfach Miniworkshop on the Hauptvermutung for High-Dimensional Manifolds.

July 24-28, 2006, 8 Master Class lectures, and 1 seminar talk at Copenhagen University.

July 3-5, 2006, Invited speaker at conference to celebrate C. T. C. Wall's 70th birthday, Surgery Theory Past, Present, and Future, ICMS Edinburgh, 1 hour talk.

November 14, 2005, MIT, 1 hour seminar talk.

June 27 - July 1, 2005 Invited speaker at conference on Algebraic K- and L-theory of Infinite Groups, ICSM Edinburgh, 1 hour talk.

June 23, 2005, Heidelberg, Colloquium talk.

June 17, 2005, AMS at Mainz Germany, 30 minute talk.

June 15, 2004, University of Münster Germany, Conference on Geometry and Topology 1 hour talk.

March 12, 2004, AMS meeting at Tallahassee Florida, 30 minute talk.

January 19 - January 24, 2004, McMaster University Canada, Seminar talk.

November 4, 2003. University of Chicago. Seminar talk.

October 16, 2003. Princeton University. Seminar talk.

October 3, 2003. University of Wisconsin, Madison. Seminar talk.

October 2 - October 5, 2003. Invited speaker at the Midwest Topology conference, 1 hour talk.

September 14 - September -20, 2003. Oberwolfach conference on Topology, 60 min. talk.

August 11 - August 14, 2003. Invited speaker at conference on Directions in K-Theory in honor of Tony Bak, Poznan University. 1 hour talk. August

4 - August 9, 2003. Invited speaker at conference on Transformation Groups and related Topics in honor of Sören Illman, Helsinki University, 1 hour talk.

June 29 - July 4, 2003. Oberwolfach Conference on Exotic Homology Manifolds, 1 hour talk.

June 13, 2003. Osnabrück University. Seminar talk.

May 20, 2003. Oslo University, 2 seminar talks.

May 15 - May 16 2003. Invited speaker Oslo-Trondheim joint topology meeting, 2 45 minute talks.

May 12, 2003. Aberdeen University, Seminar talk.

May 9, 2003. Edinburgh University, Seminar talk.

May 8, 2003. Manchester University, Seminar talk.

May 6, 2003. Leicester University, Colloquium.

February 10, 2003. Münster University, Seminar talk.

February 5, 2003. Aarhus University, Seminar talk.

February 4, 2003. Odense University, Colloquium.

February 3, 2003. Copenhagen University, Colloquium.

January 27, 2003. Münster University, Seminar talk.

December 17, 2002. Bonn University seminar talk.

October 7 - October 9, 2002. Wrocław University, 4 seminar talks.

October 3 - October 6, 2002, 2nd Poznan Workshop on Transformation Groups
Poznan, Poland, invited speaker, 1 hour talk. July 22 - July 26, 2002, ICTP K-theory School/conference dedicated in honour of Hyman Bass's 70th birthday, Trieste Italy, Invited speaker, 1 hour talk

February 24 - February 28. 2002, Bay Area Topology Seminar at Stanford University,
Invited speaker, 1 hour talk.

February 3 - February 7 2002, McMaster University Canada, Seminar talk.

September 21 - 2001, Florida State Tallahassee, Colloquium talk.

Juni 11 - Juni 16, Aarhus Topology 2002, In honor of Ib Madsens 60 years birthday
Invited speaker, 1 hour talk. June 19. 2001, Seminar talk Aarhus University.

May 21. - June 8., 2001. Invited speaker at School on high-dimensional Manifold Topology in ICTP Trieste, 1 hour talk

February 16 - 20, 2001 Invited speaker at Workshop on Farrell-Jonesi and analysis, IUPU, University of Indiana, 1 hour talk.

June 10. - June 13., 2000, Canadian Math Society Year 2000

Celebration, McMaster University, 30 min. talk.
 May 29. - June 3., 2000, Invited speaker at Conference on Bounded topology and Geometric Groups, University of Münster, 60 min. Talk.
 May 9., 2000, Seminar talk University of Münster.
 April 7.-9., 2000 AMS meeting Notre Dame, 60 min. talk.
 February 10. 2000, Seminar talk, Penn State University.
 November 1.-7. 1999, Symposium on Transformation Groups, Toyohashi Japan, 45 min. talk.
 October 2.-3., 1999 AMS meeting Rhode Island, 30 min. talk.
 September 13.-18., 1999, Oberwolfach Conference on Topology, 1 hour talk.
 June 14. 1999, Seminar talk Max Planck Institute Bonn.
 May 7. 1999, Seminar talk Madison Wisc.
 November 19. 1998 Seminar talk Penn State.
 October 24.-25. 1998, AMS meeting Penn State, 30 min. talk.
 July 28. 1998, Seminar talk Aarhus University.
 June 12. 1998, Seminar talk Glasgow University.
 June 11. 1998, Seminar talk Edinburgh University.
 June 8. 1998, Invited speaker at L.M.S. K-theory day, Oxford University.
 March 22. -27. 1998, Winter school on K-homology of classifying spaces and K-theory of C^* -algebras, Les Diableret, Switzerland, 2 1 hour talks.
 February 22.-28. 1998, Oberwolfach conference on Group actions, 45 min. talk.
 January 16. 1998, McMaster University, Colloquium talk.
 December 2. 1997, Aarhus University, Seminar talk.
 August 31 - September 10. 1997, Oberwolfach Topology conference, 1 hour talk.
 March 21.-22. 1997, AMS meeting Memphis, 30 min. talk.
 December 5.-8. 1996, Invited speaker at workshop on the Baum-Connes conjecture at Münster University, 1 hour talk.
 December 3. 1996, Aarhus University, Seminar talk.
 October 5.-6. 1996, AMS meeting Lawrenceville, two 30 min. talks.
 September 13.- 22. 1996, Invited speaker at Conference on Surgery and Geometric Topology at Josai University Japan, 1 hour talk.
 June 19. 1996, Aarhus University, Seminar talk.
 June 6. 1996, Bonn University, Seminar talk.
 May 13. 1996, Max Planck Institut für Mathematik Bonn, Seminar talk.
 November 20. 1995, University of Colorado, Boulder, Colloquium.
 October 7. 1995, Invited speaker, Midwest Topology conference.

August 18. 1995, Aarhus University, Seminar talk.
 July 13. 1995, Max Planck Institut für Mathematik Bonn, Colloquium talk.
 June 29. 1995, Talk in Mathematische Gesellschaft Göttingen.
 April 28. 1995, Denmark's Technical University, Seminar talk.
 March 6.-10. 1995, 1 week visit Mainz University, Seminar talk.
 February 22.-27. 1995, 1 week visit Edinburgh University, Colloquium talk.
 January 19.-21. 1995, Invited speaker at K-theory conference at Paris VII, 1 hour talk.
 December 15. 1994, Bonn University, Colloquium talk.
 November 24. 1994, Odense University, Colloquium talk.
 November 22.-27 1994, Conference on controlled Topology at Odense University, 1 hour talk.
 November 21. 1994, Copenhagen University, Colloquium talk.
 November 17. 1994, University of Geneva, Colloquium talk.
 October 11. 1994, Max Planck Institut für Mathematik, Seminar talk.
 September 4.- 10. 1994, Oberwolfach Topology conference, 1 hour talk.
 June 1994, Aarhus University, Aarhus University, 2 Seminar talks.
 May 31. - June 5. University of Chicago. Invited speaker at Topology conference in honor of Mel Rothenberg.
 May 5. 1994. Mittag-Leffler Institute Stockholm, Seminar talk.
 October 6.-12. 1993 Notre Dame University, 1 week visit, colloquium and 3 seminar talks.
 October 5. 1993, Cornell University, seminar talk.
 September 18. 1993, AMS meeting Syracuse, 30 min. talk.
 September 5.-12. 1993, Oberwolfach conference on Novikov conjectures, 1 hour talk.
 July 1993, Aarhus University, 2 months visit, 6 seminar talks.
 June 27.- July 3. 1993, Oberwolfach conference on Algebraic K-theory, 1 hour talk.
 April 15. 1993, Princeton University, seminar talk.
 March 27. - 31. 1993, University of Maryland, 5 day visit, seminar talk.
 January 3.-8. 1993, McMaster University, 1 week visit, colloquium.
 December 5. - 6. 1992, Topology conference Columbus Ohio, 1 hour talk.
 November 12.-15. 1992, Florida State Tallahassee, seminar talk and colloquium.
 September 6.- 12. 1992, Oberwolfach Topology conference, 1 hour talk.
 May 31. -June 15. 1992, Bielefeld University, 2 week visit, seminar talk.
 May 25.-31. 1992, Odense University, 1 week visit, seminar talk.

May 2. 1992, Cornell Topology Festival, 1 hour talk.
 April 26.-27. 1992, West Coast Topology Symposium, Stanford University,
 1 hour talk.
 April 23.-25. 1992, Topology conference at Knoxville Tennessee, 1 hour talk.
 December 11.-16. 1991, Algebraic Topology, Lake Louise Canada, 1 hour
 talk.
 November 13.-16. 1991, Vanderbilt University, colloquium talk.
 October 12. 1991 AMS-conference Temple University, 20 min. talk.
 September 19. 1991, Yale University, seminar talk.
 October 11. 1990, Princeton University, seminar talk.
 September 20. 1990, Cornell University, seminar talk.
 August 14. 1990, Hawaii Topology conference, 1 hour talk.
 May 22. 1990, MSRI Berkeley, Seminar talk.
 April 27. 1990, Indiana University, Colloquium talk.
 March 21. 1990, SUNY at Albany, Colloquium talk.
 November 21. 1989, Ontario Topology Conference, 1 hour talk.
 October 4. 1989, University of Toronto, Seminar talk.
 September 26. 1989, McMaster University, Seminar talk.
 September 21. 1989, Albany Topology Conference, 1 hour talk.
 June 25. 1989, Poznan conference on Algebraic Topology, 1 hour talk.
 January 20. 1989, SUNY Binghamton, Colloquium.
 January 23. 1989, Syracuse University, Colloquium.
 November 8. 1988, Aarhus University, Seminar talk.
 June 20. - 25. 1988, Albany Topology Conference, 1 hour talk.
 February, 3. - 18. 1988 McMaster University, 2 week visit, several seminars
 talks.
 September 17. 1987, Faeroes, Colloquium talk.
 August 24.-28. 1987, Göttingen Topology Conference, 1 hour talk.
 September 28.- October 2. 1987, Osnabrück, 1 week visit, several Seminar
 talks.
 May 28. -29. 1987, Edinburgh University Algebraic Topology of Manifolds,
 1 hour talk.
 January 5. - 9. 1987, University of Bielefeld, 1 week visit, several Seminar
 talks.
 June 25. 1986, University of Göttingen, Seminar talk.
 May 1986, University of Aarhus, Seminar talk.
 October 17. 1985, University of Konstanz, Colloquium talk.
 August 25.-31. 1985, Oberwolfach Topology Conference, 1 hour talk.

June 12. -19. 1985, Poznan conference on Transformation Groups, 1 hour talk.

March 17. - 23. 1985, Oberwolfach Conference on Surgery, 1 hour talk.

October 1985, University of Bielefeld, 1 week visit, Seminar and Colloquium talks.

December 1985, University of Osnabrück, 1 week visit, Seminar and Colloquium talks.

December 13. 1984, ETH Zürich, 1 week visit, Colloquium talk.

November 8. - 12. 1984, Göttingen Topology Conference, 1 hour talk.

May 25. - 29. 1984, Warsaw Topology Conference, 1 hour talk.

March 1. 1984, Aalborg University, Colloquium .

December 8. - 11. 1983, Bielefeld University, 1 week visit, Colloquium talk.

July 26. - 31. 1982, Algebraic K-theory, Geometry and Number theory Conference at Bielefeld University, 1 hour talk.

August 1. - 7. 1982, 4. Aarhus Conference on Algebraic Topology, 1 hour talk.

August 22. - 27. 1982, Leningrad International Topological Conference, 15 minute talk.

December 1982, University of Trondheim, Colloquium talk.

September 1982, DTH Copenhagen, Colloquium talk.

2 Publications

1. (with L. Kristensen), The \mathcal{A} -module structure for the cohomology of two-stage spaces, *Math. Scand.* 30 (1972), 95–106.
2. Topological concordances, *Bull. AMS* 80 (1974), 658–660.
3. Embeddings of topological manifolds, *Illinois J. Math.* 19 (1975), 440–447.
4. Spines of topological manifolds, *Comment. Math. Helv.* 50 (1975), 41–44.
5. The topological category, appendix, in *Groups of automorphisms of manifold* by D. Burghelea, R. Lashof and M. Rothenberg, *Lecture Notes in Mathematics* 473, Springer Verlag, Berlin-New York, (1975) 142–152.
6. Topological concordances, *Invent. Math.* 38 (1977), 255–267.
7. Regular neighborhoods in topological manifolds, *Mich. J. Math.* 24 (1977), 177–183.
8. (with L. R. Taylor), The Wall finiteness obstruction for a fibration, *Amer. J. Math.* 100 (1978), 887–896.
9. Smoothings of H-spaces, *Proc. of Symp. in Pure Math.*, Vol. XXXII Part 2, 215–216.
10. Smoothing of H-spaces, *Math. Scand.* 43 (1978), 185–196.
11. Smoothing H-spaces II, *Math. Scand.* 46 (1980), 216–222.
12. (with H. J. Munkholm), On the Wall finiteness obstruction for some fibrations, *Trans. Amer. Math. Soc.* 261 (1980), 529–545.
13. (with A. A. Ranicki), Projective surgery theory, *Topology* 19 (1980), 239–254.
14. (with N. Ray), A fibration for $\text{Diff}(M)$, M a homotopy sphere, *Topology Symposium Siegen 1979*, *Lecture Notes in Mathematics* 788, Springer Verlag, Berlin-New York, 165–171.

15. Universal geometric examples for transfer Maps in Algebraic K- and L-theory, *J. of Pure and Appl. Algebra* 22 (1981), 179–192.
16. (with H. J. Munkholm), Whitehead transfers for S^1 -bundles, an algebraic description, *Comment. Math. Helv.* 56 (1981), 404–430.
17. Geometrically defined transfers, comparisons, *Math.Z.* 180 (1982), 535–544.
18. (with H. J. Munkholm), Transfers in Algebraic K- and L-theory induced by S^1 -bundles, *Current trends in Algebraic Topology, CMS Conference Proceedings, Vol.2, Part II*, 451–460.
19. (with H. J. Munkholm), The S^1 -transfer in surgery theory, *Trans. Amer. Math. Soc.* 280 (1983), 277–302.
20. On the K_{-i} -functors, *J. of Algebra.* 90 (1984), 461–475.
21. (with D. R. Anderson), Semifree topological actions of finite groups on spheres, *Math. Ann.* 265 (1983), 23–44.
22. (with D. R. Anderson), Semifree topological actions of finite groups on spheres, *Algebraic Topology Aarhus 1982, Proceedings, Lecture Notes in Mathematics 1051*, Springer Verlag, Berlin-New York, (1984) 540–557.
23. K_{-i} -invariants of chain complexes, *Topology, Proceedings Leningrad 1982, Lecture Notes in Mathematics 1060*, Springer Verlag, Berlin-New York, (1984) 174–186.
24. (with C. A. Weibel), A nonconnective delooping of algebraic K-theory, *Algebraic and Geometric Topology, Proceedings Rutgers 1983, Lecture Notes in Mathematics 1126*, Springer Verlag, Berlin-New York, (1984) 166–181.
25. (with J. Ewing and P. Löffler), A local approach to the finiteness obstruction, *Quart. J. of Math, Oxford Ser. (2)* 39 (1988), 443–462.
26. (with J. Ewing and P. Löffler), A rational torsion invariant, *Proc. of the Amer. Math. Soc.* Vol 102,3 (1988) 731–736.

27. On the bounded and thin h-cobordism theorem parameterized by R^k , Transformation Groups, Poznan 1985, Proceedings , Lecture Notes in Mathematics 1217, Springer Verlag, Berlin-New York, (1986) 306–320.
28. Topological $H_0 \times H_1$ -actions on spheres and linking numbers, Algebraic topology Göttingen 1984, (L. Smith ed.) Lecture Notes in Mathematics 1172, Springer Verlag, Berlin-New York, (1984) 163–166.
29. (with C. A. Weibel), K-theory homology of spaces, Algebraic Topology, Proceedings Arcata 1986, Lecture Notes in Mathematics 1370, Springer Verlag, Berlin-New York, (1989) 341–361.
30. (with S. C. Ferry), Some Mildly Wild Circles in S^n arising from Algebraic K-theory , K-theory 4 (1991) 479–499.
31. (with S. C. Ferry and P. Vogel), On complements of codimension 3 embeddings in S^n , Topology and its Applications, 31 (1989), 197–202.
32. (with S. C. Ferry) Epsilon surgery Theory, Proceedings 1993 Oberwolfach Conference on the Novikov Conjectures, Rigidity and Index Theorems Vol. 2, L.M.S. Lecture Notes, vol. 227, Cambridge University Press, 1995, pp. 167–226.
33. (with I. Hambleton), Bounded surgery theory and dihedral group actions on spheres, J. Amer. Math. Soc. 4, (1991) 105–126.
34. (with S. C. Ferry and I. Hambleton), A Survey of Bounded Surgery Theory and Applications, Algebraic Topology and Applications, Proceedings of MSRI conference 1990, (1994) Springer-Verlag, New York, 105–126.
35. (with D. R. Anderson, F. Connolly, and S. C. Ferry) Algebraic K-theory with continuous control at infinity, J. Pure Appl. Algebra 94 (1994) 25–47.
36. (with G. Carlsson) Controlled algebra and the Novikov conjectures for K- and L-theory, Topology **34** (1995), 731–758.
37. (with G. Carlsson and W. Vogell) Continuously controlled algebraic K-theory of spaces and the Novikov conjecture. Math. Ann. **310**, (1998) 169–182.

38. (with I. Hambleton) Non-linear similarity revisited, Prospects in Topology: Proceedings of a conference in honor of William Browder, Annals of Math Studies, vol. 138, 1995, pp. 157–174.
39. (with G. Carlsson and J. Roe) Controlled C^* -algebra and monicity of the Baum-Connes map. (Preprint Bonn)
40. (with N. Higson and J. Roe) C^* -algebras and controlled Topology, K-theory 11, (1997) 209–239.
41. (with J. Roe and S. Weinberger) On the homotopy invariance of the boundedly controlled analytic signature of a manifold over an open cone, Proceedings 1993 Oberwolfach Conference on the Novikov Conjectures, Rigidity and Index Theorems Vol. 2, L.M.S. Lecture Notes, vol. 227, Cambridge University Press, 1995, pp. 285–300.
42. (with Manuel Cardenas) On the Karoubi filtration of a category, K-theory 12, (1997) 165–191.
43. Bounded and continuous control, Proceedings 1993 Oberwolfach Conference on the Novikov Conjectures, Rigidity and Index Theorems Vol. 2, L.M.S. Lecture Notes, vol. 227, Cambridge University Press, 1995, pp. 277–284.
44. (with G. Carlsson) Čech homology and the Novikov conjecture, Math. Scand. 82 (1998) 5–47.
45. Controlled Algebra and Topology, Surgery and Geometric Topology (Sakado 1996). Sci. Bull. Josai Univ. 1997, Special issue no. 91–95.
46. Continuously controlled Surgery Theory, in Surveys on Surgery Theory: Annals of Math Studies, vol. 145, 2000 pp. 307–323.
47. Controlled Algebraic K-Theory, a Survey, in Geometry and Topology, Aarhus , AMS series on Contemporary Math. Volume 258, 2000 pp. 351–368.
48. (with I. Hambleton) Compactifying infinite Group Actions, in Geometry and Topology Aarhus , AMS series on Contemporary Math. Volume 258, 2000 pp. 203–212.

49. (with I. Hambleton) Identifying Assembly Maps in K- and L-Theory. *Math. Ann.* 328, (2004) 27–57.
50. The Surgery exact Sequence revisited, in High dimensional manifold Topology, Proceedings of the conference, ICTP, 2004, 416–420.
51. (with F. Quinn and A. Ranicki) Controlled Surgery with trivial local Fundamental Groups, in High dimensional manifold Topology, Proceedings of the conference, ICTP, 2004, 421–426.
52. (with T. Bauer, N. Kitchloo and D. Notbohm) Finite Loop Spaces are Manifolds. *Acta Mathematica* 192, (2004) 5–31.
53. (with K. Andersen, T. Bauer and J. Grodal) A finite loop space not rationally equivalent to a compact Lie group. *Invent. Math.* 157, (2004) 1–10.
54. (with I. Hambleton) Topological Equivalence of linear representations for cyclic groups. I, *Ann. of Math.* (2) 161, (2005) 61–104
55. (with I. Hambleton) Topological Equivalence of linear representations for cyclic groups. II, *Forum Math.* 17 (2005) 959–1010
56. (with M. Yamasaki) Stability in Controlled L-Theory, Exotic Homology Manifolds – Oberwolfach 2003, *Geom. Topol. Monogr.* 9. 67–86.
57. (with T. Bauer) The Realizability of Local Loop Spaces as Manifolds, *K-Theory* 37 (2006) 329–339.