

Joint papers of F. T. Farrell and L. E. Jones

1. *Markov cell structures.*  
Bull. Amer. Math. Soc. **83** (1977), no. 4, 739–740.
2. *Examples of expanding endomorphisms on exotic tori.*  
Invent. Math. **45** (1978), no. 2, 175–179.
3. *Anosov diffeomorphisms constructed from  $\pi_1 \text{Diff}(S^n)$ .*  
Topology **17** (1978), no. 3, 273–282.
4. *Markov cell structures for expanding maps in dimension two.*  
Trans. Amer. Math. Soc. **255** (1979), 315–327.
5. *New attractors in hyperbolic dynamics.*  
J. Differential Geom. **15** (1980), no. 1, 107–133 (1981).
6. *Expanding immersions on branched manifolds.*  
Amer. J. Math. **103** (1981), no. 1, 41–101.
7. *Algebraic K-theory of hyperbolic manifolds.*  
Bull. Amer. Math. Soc. (N.S.) **14** (1986), no. 1, 115–119.
8. *h-cobordisms with foliated control.*  
Bull. Amer. Math. Soc. (N.S.) **15** (1986), no. 1, 69–72.
9. *Algebraic K-theory of spaces stratified fibered over hyperbolic orbifolds.*  
Proc. Nat. Acad. Sci. U.S.A. **83** (1986), no. 15, 5364–5366.
10. *K-theory and dynamics. I.*  
Ann. of Math. (2) **124** (1986), no. 3, 531–569.
11. *Erratum: “h-cobordisms with foliated control”.*  
Bull. Amer. Math. Soc. (N.S.) **16** (1987), no. 1, 177.
12. *Implication of the geometrization conjecture for the algebraic K-theory of 3-manifolds.*  
in “Geometry and topology (Athens, Ga., 1985)”, pp. 109–113, Lecture Notes in Pure and Appl. Math., **105**, Dekker, New York, 1987.
13. *Algebraic K-theory of discrete subgroups of Lie groups.*  
Proc. Nat. Acad. Sci. U.S.A. **84** (1987), no. 10, 3095–3096.
14. *K-theory and dynamics. II.*  
Ann. of Math. (2) **126** (1987), no. 3, 451–493.
15. *Foliated control with hyperbolic leaves.*  
K-Theory **1** (1987), no. 4, 337–359.
16. *The surgery L-groups of poly-(finite or cyclic) groups.*  
Invent. Math. **91** (1988), no. 3, 559–586.

17. *Topological rigidity for hyperbolic manifolds.*  
Bull. Amer. Math. Soc. (N.S.) **19** (1988), no. 1, 277–282.
18. *Foliated control theory. I, II.*  
*K*-Theory **2** (1988), no. 3, 357–430.
19. *A topological analogue of Mostow’s rigidity theorem.*  
J. Amer. Math. Soc. **2** (1989), no. 2, 257–370.
20. *Compact negatively curved manifolds (of  $\dim \neq 3, 4$ ) are topologically rigid.*  
Proc. Nat. Acad. Sci. U.S.A. **86** (1989), no. 10, 3461–3463.
21. *Negatively curved manifolds with exotic smooth structures.*  
J. Amer. Math. Soc. **2** (1989), no. 4, 899–908.
22. *Rigidity and other topological aspects of compact nonpositively curved manifolds.*  
Bull. Amer. Math. Soc. (N.S.) **22** (1990), no. 1, 59–64.
23. *Classical aspherical manifolds.*  
CBMS Regional Conference Series in Mathematics, **75**. Published for the Conference Board of the Mathematical Sciences, Washington, DC; by the American Mathematical Society, Providence, RI, 1990. viii+54 pp. ISBN: 0-8218-0726-9
24. *Smooth nonrepresentability of  $\text{Out } \pi_1 M$ .*  
Bull. London Math. Soc. **22** (1990), no. 5, 485–488.
25. *Foliated control without radius of injectivity restrictions.*  
Topology **30** (1991), no. 2, 117–142.
26. *Computations of stable pseudoisotopy spaces for aspherical manifolds.*  
in “Algebraic topology - Poznan 1989”, pp. 59–74, Lecture Notes in Math., **1474**, Springer, Berlin, 1991.
27. *Stable pseudoisotopy spaces of compact non-positively curved manifolds.*  
J. Differential Geom. **34** (1991), no. 3, 769–834.
28. *Rigidity in geometry and topology.*  
in “Proceedings of the International Congress of Mathematicians, Vol. I, II (Kyoto, 1990)”, pp. 653–663, Math. Soc. Japan, Tokyo, 1991.
29. *Markov cell structures near a hyperbolic set.*  
Mem. Amer. Math. Soc. **103** (1993), no. 491, vi+138 pp.
30. *Isomorphism conjectures in algebraic *K*-theory.*  
J. Amer. Math. Soc. **6** (1993), no. 2, 249–297.
31. *Topological rigidity for compact non-positively curved manifolds.*

- in “Differential geometry: Riemannian geometry (Los Angeles, CA, 1990)”, pp. 229–274, Proc. Sympos. Pure Math., **54**, Part 3, Amer. Math. Soc., Providence, RI, 1993.
32. *Nonuniform hyperbolic lattices and exotic smooth structures.*  
J. Differential Geom. **38** (1993), no. 2, 235–261.
  33. *Exotic smoothings of hyperbolic manifolds which do not support pinched negative curvature.*  
Proc. Amer. Math. Soc. **121** (1994), no. 2, 627–630.
  34. *Complex hyperbolic manifolds and exotic smooth structures.*  
Invent. Math. **117** (1994), no. 1, 57–74.
  35. *Smooth rigidity and  $C^1$ -conjugacy at  $\infty$ .*  
Comm. Anal. Geom. **2** (1994), no. 4, 563–578.
  36. *The lower algebraic  $K$ -theory of virtually infinite cyclic groups.*  
 $K$ -Theory **9** (1995), no. 1, 13–30.
  37. *Some non-homeomorphic harmonic homotopy equivalences.*  
Bull. London Math. Soc. **28** (1996), no. 2, 177–182.
  38. *Compact infrasolvmanifolds are smoothly rigid.*  
in “Geometry from the Pacific Rim (Singapore, 1994)”, 85–97, de Gruyter, Berlin, 1997.
  39. *Examples of non-homeomorphic harmonic maps between negatively curved manifolds*, with P. Ontaneda.  
Bull. London Math. Soc. **30** (1998), no. 3, 295–296.
  40. *Hyperbolic manifolds with negatively curved exotic triangulations in dimensions greater than five*, with P. Ontaneda.  
J. Differential Geom. **48** (1998), no. 2, 319–322.
  41. *Rigidity for aspherical manifolds with  $\pi_1 \subset \mathrm{GL}_m(\mathbb{R})$ .*  
Asian J. Math. **2** (1998), no. 2, 215–262.
  42. *Collapsing foliated Riemannian manifolds.*  
Asian J. Math. **2** (1998), no. 3, 443–494.
  43. *A caveat on the isomorphism conjecture in  $L$ -theory*, with W. Lück.  
Forum Math. **14** (2002), no. 3, 413–418.
  44. *Local collapsing theory.*  
Pacific J. Math. **210** (2003), no. 1, 1–100.
  45. *A foliated squeezing theorem for geometric modules*, with A. Bartels and H. Reich.

- in “High-dimensional manifold topology”, pp. 1–21, World Sci. Publ., River Edge, NJ, 2003.
46. *On the isomorphism conjecture in algebraic K-theory*, with A. Bartels and H. Reich.  
Topology **43** (2004), no. 1, 157–213.
47. *Negative curvature and exotic topology*, with P. Ontaneda.  
in “Surveys in differential geometry. Vol. XI”, pp. 329–347, Surv. Differ. Geom., **11**, Int. Press, Somerville, MA, 2007.

**Selected additional publications of F. T. Farrell**

1. *A formula for  $K_1R_\alpha [T]$* , with W.-C. Hsiang.  
in “Applications of Categorical Algebra (New York, 1968)”, pp. 192–218,  
Proc. Sympos. Pure Math., Vol. **17**, Amer. Math. Soc., 1970.
2. *The obstruction to fibering a manifold over a circle.*  
Indiana Univ. Math. J. **21** (1971/1972), 315–346.
3. *Infinite matrices in algebraic K-theory and topology*, with J. B. Wagoner.  
Comment. Math. Helv. **47** (1972), 474–501.
4. *The nonfiniteness of Nil.*  
Proc. Amer. Math. Soc. **65** (1977), 215–216.
5. *On the rational homotopy groups of the diffeomorphism groups of discs, spheres and aspherical manifolds*, with W. C. Hsiang.  
in “Algebraic and geometric topology, Part 1 (Stanford Univ., Stanford, Calif., 1976)”, pp. 325–337, Proc. Sympos. Pure Math., Vol. **32**, Amer. Math. Soc. (1978).
6. *An extension of Tate cohomology to a class of infinite groups.*  
J. Pure Appl. Algebra **10** (1977), 153–161.
7. *The exponent of UNil.*  
Topology **18** (1979), 305–312.
8. *On Novikov’s conjecture for nonpositively curved manifolds. I*, with W. C. Hsiang.  
Ann. of Math. (2) **113** (1981), 199–209.
9. *Topological characterization of flat and almost flat Riemannian manifolds  $M^n (n \neq 3, 4)$* , with W. C. Hsiang.  
Amer. J. Math. **105** (1983), 641672.
10. *Non-univalent harmonic maps homotopic to diffeomorphisms*, with P. Ontaneda and M. S. Raghunathan.  
J. Differential Geom. **54** (2000), 227–253.
11. *K-theory of solvable groups*, with P. A. Linnell.  
Proc. London Math. Soc. (3) **87** (2003), 309–336.
12. *Finite automorphisms of negatively curved Poincaré Duality groups*, with J.-F. Lafont.  
Geom. Funct. Anal. **14** (2004), 283–294.
13. *Nonpositivity: curvature vs. curvature operator*, with C. S. Aravinda.  
Proc. Amer. Math. Soc. **133** (2005), 191–192.

14. *EZ-structures and topological applications*, with J.-F. Lafont.  
Comment. Math. Helv. **80** (2005), 103–121.
15. *The Teichmüller space of pinched negatively curved metrics on a hyperbolic manifold is not contractible*, with P. Ontaneda.  
Ann. of Math. (2) **170** (2009), 45–65.
16. *On the topology of the space of negatively curved metrics*, with P. Ontaneda.  
to appear in J. Diff. Geom.

**Selected additional publications of L. E. Jones**

1. *The converse to the fixed point theorem of P. A. Smith. I.*  
Ann. of Math. (2) **94** (1971), 52–68.
2. *The converse to the fixed point theorem of P. A. Smith. II.*  
Indiana Univ. Math. J. **22** (1972/73), 309–325.
3. *Patch spaces: a geometric representation for Poincaré spaces.*  
Ann. of Math. (2) **97** (1973), 306–343.
4. *Two characteristic classes and Smith theory.*  
in “Algebraic and geometric topology (Proc. Sympos., Univ. California, Santa Barbara, Calif., 1977)”, pp. 104–122, Lecture Notes in Math. **664**, Springer, Berlin, 1978.
5. *The nonsimply connected characteristic variety theorem.*  
in “Algebraic and geometric topology (Proc. Sympos. Pure Math., Stanford Univ., Stanford, Calif., 1976), Part 1”, pp. 131–140, Proc. Sympos. Pure Math. **XXXII**, Amer. Math. Soc., Providence, R.I., 1978.
6. *Construction of surgery problems.*  
in “Geometric topology (Proc. Georgia Topology Conf., Athens, Ga., 1977)”, pp. 367–391, Academic Press, New York-London, 1979.
7. *Geometric construction for  $Z_{(n)}$ -homology manifolds.*  
Proc. London Math. Soc. (3) **39** (1979), 488–508.
8. *Construction of  $Z_p$ -actions on manifolds.*  
Pacific J. Math. **87** (1980), 111–134.
9. *Locally strange hyperbolic sets.*  
Trans. Amer. Math. Soc. **275** (1983), 153–162.
10. *Group actions and a vanishing characteristic class.*  
Topology **22** (1983), 237–240.
11. *Anosov diffeomorphisms and expanding immersions. I.*  
Trans. Amer. Math. Soc. **289** (1985), 115–131.
12. *Anosov diffeomorphisms and expanding immersions. II.*  
Trans. Amer. Math. Soc. **294** (1986), 197–216.
13. *Combinatorial symmetries of the  $m$ -dimensional ball.*  
Mem. Amer. Math. Soc. **62** (1986), no. 352, iv+124 pp.
14. *Immersions of surfaces into surfaces.*  
Topology **25** (1986), 415–427.
15. *A paper for F. T. Farrell on his 60th birthday.*

in “High-dimensional manifold topology,” pp. 200–260, World Sci. Publ., River Edge, NJ, 2003.

16. *Invariants for chain complexes over local algebras.*  
JP J. Geom. Topol. **7** (2007), 175–233.