

Authors are listed in alphabetical order; joint authors are equal.

The research monographs [21, 40, 52, 65] are listed in the same sequence because they are in essence very long papers.

- [1] J.P.C.Greenlees “Functional duals and Moore spectra”, *Bulletin of the London Mathematical Society* **17** (1985), 43-48.
- [2] J.P.C.Greenlees “Representing Tate cohomology of G-spaces”, *Proceedings of the Edinburgh Mathematical Society* **30** (1987), 435-443
- [3] J.P.C.Greenlees “How blind is your favourite cohomology theory?”, *Expositiones Mathematicae*, **6** (1988), 193-208.
- [4] J.P.C.Greenlees “Stable maps into free G-spaces”, *Transactions of the American Mathematical Society*, **310** (1988), 199-215.
- [5] J.P.C.Greenlees “Topological methods in equivariant cohomology”, *Proceedings of the 1987 Singapore Group Theory Conference*, W. de Gruyter, (1989), 373-389.
- [6] J.P.C.Greenlees “Equivariant functional duals and universal spaces”, *Journal of the London Mathematical Society*, **40** (1989), 347-354.
- [7] J.P.C.Greenlees “The power of mod p Borel homology”, *Proceedings of the 1988 Kinoshita conference on homotopy theory and related topics. Lecture notes in maths.* **1418** Springer-Verlag (1990), 140-151.
- [8] J.P.C.Greenlees “Equivariant functional duals and completions”, *Bull. London Math. Soc.* **23** (1991), 163-168.
- [9] J.P.C.Greenlees and J.P. May “Completions of G-spectra at ideals of the Burnside ring” *Proc. Adams Memorial Conference II*, Cambridge University Press (1992) 145-178.
- [10] J.P.C.Greenlees and J.P. May “Some remarks on the structure of Mackey functors” *Proc. American Math. Soc.*, **395** (1992) 237-243.
- [11] J.P.C.Greenlees and J.P. May “Derived functors of I-adic completion and local homology” *Journal of Algebra* **149** (1992) 438-453.
- [12] J.P.C.Greenlees “Homotopy equivariance, strict equivariance and induction theory” *Proc. Edinburgh Math. Soc.* **35** (1992) 473-492.
- [13] J.P.C.Greenlees “Generalised Eilenberg-Moore spectral sequences for elementary abelian groups and tori”, *Proc. Camb. Phil. Soc.*, **112** (1992) 77-89.
- [14] J.P.C.Greenlees “Some remarks on projective Mackey functors”, *J. Pure and Applied Algebra*, **81** (1992) 17-38.
- [15] D.J. Benson and J.P.C.Greenlees “The action of the Steenrod algebra on Tate cohomology” *J. Pure and Applied Algebra*, **85** (1993) 21-26.
- [16] J.P.C.Greenlees “K-homology of universal spaces and local cohomology of the representation ring” *Topology* **32** (1993) 295-308.
- [17] T. Bier and J.P.C.Greenlees “The lattice spanned by the cosets of subgroups in a finite group.” *J. London Math. Soc.* **47** (1993) 433-449.
- [18] J.P.C.Greenlees “The geometric equivariant Segal conjecture for toral groups.” *J. London Math. Soc.*, **48** (1993) 348-364.
- [19] A.D.Elmendorf, J.P.C.Greenlees, I.Kriz and J.P.May “Commutative algebra in stable homotopy theory and a completion theorem.” *Mathematical Research Letters* **1** (1994) 225-239.
- [20] J.P.C.Greenlees “Tate cohomology in commutative algebra.” *J. Pure and Applied Algebra* **94** (1994) 59-83
- [21] J.P.C.Greenlees and J.P. May “Generalized Tate cohomology” *Memoirs of the American Maths. Soc.*, **543** (1995) 178pp.
- [22] J.P.C.Greenlees “Commutative algebra in group cohomology.” *J.Pure and Applied Algebra* **98** (1995) 151-162
- [23] J.P.C.Greenlees and J.P.May “Completions in algebra and topology” *Handbook of Topology* (ed. I.M.James) North Holland (1995) 255-276.
- [24] J.P.C.Greenlees and J.P.May “Equivariant stable homotopy theory.” *Handbook of Topology* (ed. I.M.James) North Holland (1995) 277-323.
- [25] R.Bruner and J.P.C.Greenlees “The algebraic Bredon-Löffler conjecture.” *Experimental Mathematics* **4** (1995) 289-297.
- [26] J.P.C.Greenlees “A rational splitting theorem for the universal space for almost free actions.” *Bull. London Math. Soc.* **28** (1996) 183-189.
- [27] J.P.C.Greenlees and H. Sadofsky “The Tate spectrum of v_n -periodic complex oriented theories.” *Math. Zeits.* **222** (1996) 391-405.

- [28] J.P.C.Greenlees “An introduction to equivariant K-theory.” CBMS Regional Conference Series **91** American Math. Soc. (1996) 143-152.
- [29] J.P.C.Greenlees and J.P.May “Examples of Tate cohomology.” CBMS Regional Conference Series **91** American Math. Soc. (1996) 231-245.
- [30] J.P.C.Greenlees and J.P.May “Brave new equivariant algebra.” CBMS Regional Conference Series **91** American Math. Soc. (1996) 299-314.
- [31] J.P.C.Greenlees and J.P.May “Localization and completion in complex bordism.” CBMS Regional Conference Series **91** American Math. Soc. (1996) 315-326.
- [32] J.P.C.Greenlees and J.A.Pérez “Connected Lie groups that act freely on a product of spheres.” Bull. London Math. Soc. **28** (1996) 634-642.
- [33] D.J.Benson and J.P.C.Greenlees “Commutative algebra for cohomology rings of classifying spaces of virtual duality groups.” J.Algebra **192** (1997) 678-700.
- [34] D.J.Benson and J.P.C.Greenlees “Commutative algebra for cohomology rings of classifying spaces of compact Lie groups.” J. Pure and Applied Algebra **122** (1997) 41-53.
- [35] J.P.C.Greenlees and J.P.May “Localization and completion theorems for MU -module spectra.” Annals of Maths. **146** (1997) 509-544
- [36] J.P.C.Greenlees and H.Sadofsky “Tate cohomology of theories with one-dimensional coefficient ring.” Topology **37** (1998) 279-292.
- [37] J.P.C.Greenlees “Rational Mackey functors for compact Lie groups I” Proc. London Math. Soc **76** (1998) 549-578
- [38] J.P.C.Greenlees “Augmentation ideals of equivariant cohomology rings.” Topology **37** (1998) 1313-1323
- [39] J.P.C.Greenlees “Rational $O(2)$ -equivariant cohomology theories.” Fields Institute Communications **19** (1998) 103-110
- [40] J.P.C.Greenlees “Rational S^1 -equivariant stable homotopy theory.” Mem. American Math. Soc. **661** (Vol 138) (1999) vii+289 pp.
- [41] J.P.C.Greenlees “Equivariant forms of connective K-theory.” Topology **38** (1999) 1075-1092.
- [42] J.P.C.Greenlees and N.P.Strickland “Varieties and local cohomology for chromatic group cohomology rings.” Topology **38** (1999) 1093-1139.
- [43] J.P.C.Greenlees and G.Lyubeznik “Rings with a local cohomology theorem and applications to cohomology rings of groups.” J. Pure and Applied Algebra **149** (2000) 267-285.
- [44] M.M.Cole, J.P.C.Greenlees and I. Kriz “Equivariant formal group laws.” Proc. London Math. Soc **81** (2000) 355-386.
- [45] J.P.C.Greenlees “Rational $SO(3)$ -equivariant cohomology theories.” Contemporary Maths. **271**, American Math. Soc. (2001) 99-125
- [46] J.P.C.Greenlees “Tate cohomology in axiomatic stable homotopy theory” Proc. 1998 Barcelona Conference, ed. J.Aguadé, C.Broto and C.Casacuberta, Birkhäuser (2001) 149-176
- [47] J.P.C.Greenlees “Equivariant formal group laws and complex oriented cohomology theories.” Homology, homotopy and applications **3** (2001) 225-263
- [48] J.P.C.Greenlees “Multiplicative equivariant formal group laws.” J. Pure and Applied Algebra **165** (2001) 183-200
- [49] J.P.C.Greenlees “Local cohomology in equivariant topology.” Proceedings of the 1999 Guanajuato Workshop on Local Cohomology, Marcel Dekker (2002), 1-38
- [50] W.G.Dwyer and J.P.C.Greenlees “Complete modules and torsion modules.” American J. Math. **124** (2002) 199-220
- [51] M.M.Cole, J.P.C.Greenlees and I. Kriz “Universality of equivariant bordism.” Math. Z. **239** (2002) 455-475
- [52] R.R.Bruner and J.P.C.Greenlees “The connective K-theory of finite groups.” Mem. American Math. Soc. Vol. 165 (2003) number 785. 127pp
- [53] J.P.C.Greenlees “Equivariant connective K theory for compact Lie groups” JPAA **187** 2004 129-152
- [54] J.P.C.Greenlees “Rational S^1 -equivariant elliptic cohomology.” Topology **44** (2005) 1213-127, arXiv:math/0504432
- [55] J.P.C.Greenlees “Equivariant forms of real and complex K -theory.” HHA **7** (2005) 63-82
- [56] W.G.Dwyer, J.P.C.Greenlees and S.B.Iyengar “Duality in algebra and topology.” Advances in Maths. **200** (2006) 357-402, arXiv:math/0510247
- [57] W.G.Dwyer, J.P.C.Greenlees and S.B.Iyengar “Finiteness conditions in derived categories of local rings” Comm. Math. Helv **81** (2006) 383-432, arXiv:math/0404034
- [58] J.P.C.Greenlees and J.-Ph. Hoffmann “Rational extended Mackey functors for the circle group.” Proc Arolla Conf 2004, Contemporary Maths **399** (2006) 123-131.
- [59] J.P.C.Greenlees “Algebraic groups and equivariant cohomology theories.” Proceedings of 2002 Newton Institute workshop ‘Elliptic cohomology and chromatic phenomena’, CUP (2007) 89-110pp

- [60] J.P.C.Greenlees “Spectra for commutative algebraists.” Proceedings of the 2004 Chicago Summer School Contemporary Mathematics **436** (2007) 149-173, arXiv:math/0609452
- [61] J.P.C.Greenlees “First steps in brave new commutative algebra” Proceedings of the 2004 Chicago Summer School Contemporary Mathematics, **436** (2007) 239-275, arXiv:math/0609453
- [62] J.P.C.Greenlees “Rational torus-equivariant stable homotopy I: calculating groups of stable maps.” JPAA **212** (2008) 72-98 (<http://dx.doi.org/10.1016/j.jpaa.2007.05.010>), arXiv:0705.2686
- [63] J.P.C.Greenlees and G.R.Williams “Poincaré duality for the K-theory of equivariant complex projective spaces.” Glasgow J. Math **50** (2008) 111-127, arXiv:0711.0346
- [64] D.J.Benson and J.P.C.Greenlees “Localization and duality in topology and modular representation theory.” JPAA **212** (2008) 1716-1743
- [65] R.R.Bruner and J.P.C.Greenlees “The real connective K -theory of finite groups.” AMS Surveys and Monographs (2010) 318+v pp
- [66] M.Ando and J.P.C.Greenlees “The rational S^1 -equivariant σ -orientation.” Math Z. (2011) 76pp DOI 10.1007/s00209-010-0773-7, arXiv:0705.2687
- [67] W.G.Dwyer, J.P.C.Greenlees and S.B.Iyengar “Gross-Hopkins duality and the Gorenstein condition.” K-theory **8** (2011) 107-133 doi:10.1017/is010008025jkt129, arXiv:0905.4777
- [68] J.P.C.Greenlees and B.E.Shipley “An algebraic model for free rational G -spectra for compact connected Lie groups G .” Math Z **269** (2011) 373-400, DOI 10.1007/s00209-010-0741-2
- [69] J.P.C.Greenlees “Rational torus-equivariant stable homotopy II: the algebra of localization and inflation.” JPAA **216** (2012) 2141-2158, arXiv:1108.4868
- [70] J.P.C.Greenlees, K.Hess and S.Shamir “Complete intersections in rational homotopy theory.” JPAA **217** (2013) 636-663, arXiv:0906.3247
- [71] D.J.Benson, J.P.C.Greenlees and S.Shamir “Complete intersections and mod p cochains.” AGT **13** (2013) 61-114, DOI 10.2140/agt.2013.13.61, arXiv:1104.4244
- [72] W.G.Dwyer, J.P.C.Greenlees and S.B.Iyengar “DG algebras with exterior homology.” Bull LMS **45** (2013) 1235-1245, DOI 10.1112/blms/bdt052, arXiv:1207.3461
- [73] J.P.C.Greenlees and B.E.Shipley “An algebraic model for free rational G -spectra.” Bull. LMS **46** (2014) 133-142, DOI 10.1112/blms/bdt066, arXiv:1101.4818
- [74] J.P.C.Greenlees and B.E.Shipley “The cellularization principle for Quillen adjunctions” HHA **15** (2013) 173-184, arXiv:1301.5583
- [75] D.J.Benson and J.P.C.Greenlees “Stratifying the derived category of cochains on BG for G a compact Lie group.” JPAA **218** (2014), 642-650, DOI 10.1016/j.jpaa.2013.08.004
- [76] J.P.C.Greenlees and B.E.Shipley “Fixed point adjunctions for module spectra.” Algebraic and Geometric Topology **14** (2014) 1779-1799 arXiv:1301.5869
- [77] J.P.C.Greenlees and B.E.Shipley “Homotopy theory of modules over diagrams of rings.” Proc. AMS Ser B **1**, (2014) 89-104, arXiv:1309.6997
- [78] J.P.C.Greenlees “Ausoni-Bökstedt duality” Journal of Pure and Applied Algebra **220** (2016), pp. 1382-1402, arXiv:1406.2162
- [79] J.P.C.Greenlees “Rational equivariant cohomology theories with toral support” Algebraic and Geometric Topology **16** (2016) (to appear) 42pp arXiv:1501.03425
- [80] J.P.C.Greenlees “Rational torus-equivariant stable homotopy III: comparison of models.” JPAA (to appear) 34pp arXiv:1410.5464

ON THE WAY TO PUBLICATION

Submitted for publication:

- [1s] J.P.C.Greenlees and B.E.Shipley “An algebraic model for rational torus-equivariant spectra.” Preprint 76pp Submitted for publication, arXiv:1101.2511
- [2s] D. Barnes, J.P.C.Greenlees, M.Kedziorek and B.E.Shipley “Rational $SO(2)$ -equivariant spectra.” Preprint (2015) 29pp, arxiv:1511.03291

Preprints:

- [1p] J.P.C.Greenlees “An S^1 -equivariant cohomology theory associated to a curve of higher genus.” (2003) 12pp
- [2p] J.P.C.Greenlees “Algebraic models of change of groups” Preprint (2014) 9pp, arXiv:1501.06167
- [3p] J.P.C.Greenlees “Homotopy invariant commutative algebra over fields” CRM IRTATCA lectures (2015), (to appear) 61pp, arXiv:1601.02473

In preparation:

- [4p] D.Gepner and J.P.C.Greenlees “Comparing rational $U(1)$ -equivariant elliptic cohomology theories” In preparation (15pp)

- [5p] J.P.C.Greenlees and G. Stevenson “Morita equivalences and singularity categories.” In preparation, 17pp
- [6p] J.P.C.Greenlees and V. Stojanoska “Local and global duality in chromatic homotopy theory.” In preparation, 37pp
- [7p] J.P.C.Greenlees and L.Meier “Gorenstein duality for real spectra.” In preparation, 35pp
- [8p] D. Barnes, J.P.C.Greenlees and M.Kedziorek “Algebraic models for rational toral spectra.” In preparation, 12pp
- [9p] M.Ando, D.Gepner and J.P.C.Greenlees “ $SU(2)$ -equivariant elliptic cohomology.” In preparation (11pp)
- [10p] J.P.C.Greenlees “Equivariant cohomology theories from algebraic geometry” In preparation (31pp)
- [11p] J.P.C.Greenlees “Equivariant genera and twisted multiplicative sequences.” (In preparation) 12pp
- [12p] J.P.C.Greenlees “Rational torus-equivariant stable homotopy IV: geometry of flags.” Preprint (2014)

Inactive preprints:

- [1i] J.P.C.Greenlees “Groups and Spheres: a road from the PA Smith theorem” (1992) 13pp.
- [2i] J.P.C.Greenlees “A remark on local cohomology for non-Noetherian rings” (1992) 5pp.
- [3i] J.P.C.Greenlees “Equivariant formal groups over tame rings.” Preprint (1999) 15pp.
- [4i] J.P.C.Greenlees “The coefficient ring of equivariant homotopical bordism is the universal ring for equivariant formal group laws over Noetherian rings.” (1998) 18pp
- [5i] D.J.Benson and J.P.C.Greenlees “Complete intersections and the derived category.” Preprint (2009) 17pp, arXiv:0906.4025
- [6i] J.P.C.Greenlees and Larry Smith “Local cohomology and Macaulay’s dual systems.” Preprint (2009) 42 pp

THESIS

- [1t] J.P.C.Greenlees “Adams Spectral Sequences in equivariant topology”, Thesis, Cambridge University (1985), 381pp.

VOLUMES EDITED

- [1c] J.P.C.Greenlees (with the assistance of R.R.Bruner and N.J.Kuhn) “Homotopy methods in algebraic topology.” Proc. 1999 Boulder Summer Research Conference, Contemporary Maths. **271**, American Math. Soc. (2001)
- [2c] J.P.C.Greenlees “Axiomatic, enriched and motivic homotopy theory.” Proc. 2002 NATO ASI, Isaac Newton Institute, Cambridge, Kluwer 2004

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