

*Homology, Homotopy and Applications*

Complex cobordism in homotopy theory:  
its impact and prospects

Volume **10(3)**, 2008

Introduction Haynes R. Miller .....	v
List of Participants .....	vii
Publications of Douglas C. Ravenel .....	ix
Publications of W. Stephen Wilson .....	xv
1. The mathematical work of Doug Ravenel Michael J. Hopkins .....	1–13
2. W. Stephen Wilson’s contributions to homotopy theory Martin Bendersky .....	15–25
3. Galois extensions of Lubin-Tate spectra Andrew Baker and Birgit Richter .....	27–43
4. On the existence of a $v_2^{32}$ -self map on $M(1, 4)$ at the prime 2 M. Behrens, M. Hill, M.J. Hopkins and M. Mahowald .....	45–84
5. Extended powers and Steenrod operations in algebraic geometry Terrence Bisson and Aristide Tsemo .....	85–100
6. The ring spectrum $P(n)$ for the prime 2 J. Michael Boardman .....	101–135

*continued on the facing overleaf*

*Homology, Homotopy and Applications*

Complex cobordism in homotopy theory:  
its impact and prospects

Volume **10(3)**, 2008

*continued from back cover*

7. Explicit fibrant replacement for discrete $G$ -spectra Daniel G. Davis .....	137–150
8. Nonimmersions of $RP^n$ implied by $tmf$ , revisited Donald M. Davis and Mark Mahowald .....	151–179
9. The $BP$ -theory of 2-fold products of real projective spaces Jesús González and W. Stephen Wilson .....	181–192
10. Diagrams indexed by Grothendieck constructions Sharon Hollander .....	193–221
11. The second real Johnson-Wilson theory and nonimmersions of $RP^n$ Nitu Kitchloo and W. Stephen Wilson .....	223–268
12. The second real Johnson-Wilson theory and nonimmersions of $RP^n$ , Part II Nitu Kitchloo and W. Stephen Wilson .....	269–290
13. A guide to telescopic functors Nicholas J. Kuhn .....	291–319
14. An algebraic generalization of image $J$ Hirofumi Nakai .....	321–333
15. Toward higher chromatic analogs of elliptic cohomology II Douglas C. Ravenel .....	335–368