1046-55-1513 **Maia Averett***, Mathematics and Computer Science Department, Mills College, 5000 MacArthur Blvd, Oakland, CA 94613. *Completion of real Johnson-Wilson theory $E(n)$ yields fixed points of Morava E-theory.*

Complex conjugation gives rise to an involution on complex cobordism and hence on Johnson-Wilson theory $E(n)$. This involution extends to the completion $\widehat{E(n)} = E(n)^{\wedge}_{I_n}$, which by work of Goerss, Hopkins, and Miller supports an action of the Morava stabilizer group S_n. In particular, the subgroup of S_n generated by the formal inverse provides an involution on $\widehat{E(n)}$, so it is natural to ask if these two involutions have the same homotopy fixed points. We answer this question affirmatively and as a corollary we obtain that Kitchloo and Wilson's real Johnson-Wilson theory is a commutative S-algebra. (Received September 15, 2008)