1043-55-73   **Daniel Isaksen*** (`isaksen@math.wayne.edu`), Department of Mathematics, Wayne State
University, 656 W. Kirby, Detroit, MI 48202. *Computational motivic homotopy theory.*

I will discuss some recent first results from a project to compute the motivic stable homotopy groups over Spec C and Spec R. The basic tool is the Adams spectral sequence for motivic Z/2-cohomology. Initial computer data suggest many intriguing non-classical phenomena. (Received August 16, 2008)