

Meeting: 1005, Newark, Delaware, SS 1A, Special Session on Homotopy Theory (in Honor of Donald M. Davis's and Martin Bendersky's 60th Birthdays)

1005-55-64 **Martin Bendersky*** (mbenders@hunter.cuny.edu), Dept of Mathematics, Hunter College/
CUNY, 695 Park Ave., New York, NY 10021. *Don Davis' contribution to homotopy theory.*

I will survey the work of Don Davis. In 20 minutes it is impossible to do justice to Don's contribution to homotopy theory. I will limit my talk to his research in vanishing lines for the Adams Spectral sequence, the immersion problem for projective spaces and v_1 periodic homotopy. (Received January 26, 2005)