1054-16-256 **Pete Goetz\*** (pdg11@humboldt.edu), Department of Mathematics, Humboldt State University, 1 Harpst St., Arcata, CA 95521.  $K_2$  algebras and  $A_{\infty}$  structures.

I will discuss recent joint work with Andy Conner at the University of Oregon which attempts to understand the connection between a  $K_2$  algebra A and  $A_{\infty}$  structures on the Ext algebra E(A). (Received September 15, 2009)