

Meeting: 998, Houston, Texas, SS 11A, Special Session on Algebraic Topology

998-55-183 **Ernesto Lupercio*** (lupercio@math.cinvestav.mx), CINVESTAV, Departamento de Matemáticas, Apartado Postal 14-740, C.P. 07000 Mexico D.F., Mexico, Mexico, and **Mainak Poddar** and **Bernardo Uribe**. *Motivic Integrals and Orbifold K-theory*.

In this talk I will talk about my work with M. Poddar and B. Uribe first on the subject of orbifold K-theory and then on orbifold motivic integrals. I will introduce orbifolds as the main objects of study. I will also explain some interesting relations between these two subjects. (Received February 25, 2004)