1120-19-153 **Mahir Bilen Can*** (`mcan@tulane.edu`), Department of Mathematics, Tulane University, 6823 St. Charles Ave, New Orleans, LA 70118, and **Soumya D Banerjee** and **Michael O Joyce**.
Equivariant K-theory of certain wonderful compactifications and permutohedra. Preliminary report.

In this talk we present our work on the Stanley-Reisner type presentation of the equivariant K-theory of a smooth projective spherical variety. Our running examples include wonderful compactifications of minimal and non-minimal rank symmetric varieties. (Received February 20, 2016)