Topology, Algebraic Geometry, & Dynamics Seminar

K-theory stable basis of Springer resolutions

Changlong Zhong, SUNY Albany

In this talk I will recall the definition of K-theory stable basis of Springer resolutions, defined by Maulik-Okounkov. It plays important role in calculation of quantum K-theory, and has close relationship with the motivic Chern classes of Schubert varieties from algebraic geometry. I will also mention its relation with affine Hecke algebra action, restriction formula, and wall-crossing matrices. This is joint work with Changjian Su and Gufang Zhao.

Date: Friday, October 18, 2019
Time: 10:30-11:30 am
Place: 4106 Exploratory Hall

For special accommodations, please contact David Carchedi via email at dcarched@gmu.edu.