October 16: Dan Barbasch (Cornell), "Affine graded Hecke algebras and the spherical unitary dual for real reductive groups"

Affine graded Hecke algebras play a role in the determination of the Iwahori-spherical unitary dual for a p-adic group. I will discuss how affine Hecke algebras can also be used to determine the spherical unitary dual of split classical groups, and the role it plays for nonsplit groups.