February 28: Jeffrey Adams (University of Maryland), “Nilpotent Orbits and the Spherical Unitary Dual.” FOLLOWED BY DINNER.

It is well known that there is an intricate interplay between nilpotent orbits for $G$, nilpotent orbits for $G^\vee$, and unitary representations of $G$. I will make this as precise as possible in the case of spherical unitary representations. A key tool is that a nilpotent orbit may be uniquely obtained via birational induction from a Levi factor. This is joint work with Dan Barbasch.