Oct. 31  **Pablo Solis**, UC Berkeley

*Koszul Duality for Cones*

I’ll discuss a recent paper by Bradon that establishes a Koszul duality theorem for categories of perverse sheaves on affine toric varieties. The main result is an analogue for toric varieties of Koszul duality for flag varieties. I’ll discuss the main ideas of the proof which uses combinatorial sheaves on fans to establish duality first at the level of derived categories and from this deduces duality at the level of abelian categories.

More information can be found at http://math.berkeley.edu/~gmelvin/kd/kdf13.html