1100-11-212 **Ameya Pitale**, **Abhishek Saha** and **Ralf Schmidt*** (rschmidt@math.ou.edu). *Local and global Maass relations.*

The first counterexamples to the naive formulation of the Ramanujan conjecture for Siegel modular forms of degree 2 were the Saito-Kurokawa liftings, discovered in the 1970s. These liftings are characterized by relations among their Fourier coefficients known as the Maass relations. In this talk we present a p-adic version of the Maass relations. This local version characterizes certain spherical representations of the group GSp(4,F), where F is a p-adic field, in terms of relations satisfied by their spherical vector in a special Bessel model. We show that the classical Maass relations are a consequence of the local relations. (Received February 08, 2014)