1143-60-128 **Kathryn Stewart*** (kal150@case.edu), Department of Mathematics, Case Western Reserve University, 231 Yost Hall, Cleveland, OH 44106. *Truncations of Haar distributed random matrices.*

In this talk I will give an overview on truncations, that is, principal submatrices, of an $n \times n$ random Haar distributed matrix. I will discuss a result of T. Jiang showing that the entries of an $m \times m$ square truncation of a random matrix from the orthogonal group are approximately jointly Gaussian when $m = o(\sqrt{n})$. I will further discuss how this result holds in the non-square case as long as the total number of entries in the submatrix is $o(n)$. I will also consider limiting spectral measures for square truncations of random matrices from the unitary group in joint work with E. Meckes. (Received August 06, 2018)