

1117-05-511      **Ali Kemal Uncu\*** ([akuncu@uf1.edu](mailto:akuncu@uf1.edu)), University of Florida, Department of Mathematics,  
Gainesville, FL 32611. *Four Parameter Generalization of Gaussian Polynomials.*

I start this talk by introducing Stanley–Boulet weights for decorated Ferrers Diagrams. I will find generating functions for weighted partitions with bounds on the largest part and the number of parts. These generating functions depend on four parameters  $a$ ,  $b$ ,  $c$ , and  $d$ . In the case  $a=b=c=d$ , we get classical Gaussian polynomials. This talk is based on a recent joint work with Alexander Berkovich. (Received January 19, 2016)