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**Andrew J Wills\*** ([awillsa@vt.edu](mailto:awillsa@vt.edu)). *A combinatorial interpretation for Hall-Littlewood polynomials.* Preliminary report.

We introduce a combinatorial model for Hall-Littlewood polynomials, a class of symmetric polynomials in  $N$  variables, using objects called abacus-tournaments. Individual abacus-tournaments are given signed weights and summing the signed weights of certain abacus-tournaments gives the Hall-Littlewood polynomial. Combinatorial proofs of identities for Hall-Littlewood polynomials, like the first Pieri rule, can be simple and elegant in place of traditional algebraic methods. (Received September 08, 2014)