Temple University Mathematics Colloquium

James Haglund

University of Pennsylvania

will speak on

A combinatorial model for the Macdonald polynomials

We discuss a recent result of the speaker, M. Haiman and N. Loehr, which gives a combinatorial interpretation for the coefficients of the Macdonald polynomials. These polynomials contain as limiting or special cases all of the classical symmetric functions, and have applications to orthogonal polynomials and special functions, statistical mechanics, Hecke algebras, representation theory, and other subjects as well.

MONDAY, OCTOBER 11, 2004
LECTURE AT 4:00 PM ($\sharp$)
COFFEE, TEA, AND REFRESHMENTS FROM 2-5 PM.
ROOM 617, WACHMAN BUILDING
DEPARTMENT OF MATHEMATICS