FLAGS Seminar

Organizer(s): Damien Mondragon and George Melvin

Friday, 12.10-1pm, 939 Evans

Oct. 18   **Pablo Solis**, UC Berkeley

A Geometric Littlewood Richardson Rule

Littlewood-Richardson numbers arise in various places in combinatorics and representation theory. The appear in particular in the cohomology ring of Grassmanians where they determine the multiplication structure. In this talk I'll discuss a paper of Vakil that explains how to calculate these numbers by encoding rational equivalences of cycles into combinatorial checker board games. There will be many examples.

More information can be found at http://math.berkeley.edu/~ gmelvin/flags/flagsf13.html