COLLOQUIUM
UNIVERSITY OF PITTSBURGH
THURSDAY, JANUARY 24, 2008

704 THACKERAY HALL
3:00 P.M.

PROFESSOR DRAGOS OPREA

STANFORD UNIVERSITY

THE TAUTOLOGICAL CLASSES OF
THE MODULI SPACES OF STABLE MAPS

ABSTRACT: I will define a system of tautological classes on the moduli spaces of stable maps to smooth projective varieties. The intersection theory of these classes give the Gromov-Witten invariants. I will explain that the cohomology of the moduli space of genus 0 stable maps to type A flag varieties is generated by the tautological classes.

Refreshments served at 2:30 p.m.
in the Math Dept. COMMON ROOM, Thackeray 705

*The speaker is a candidate for a position in the Department.