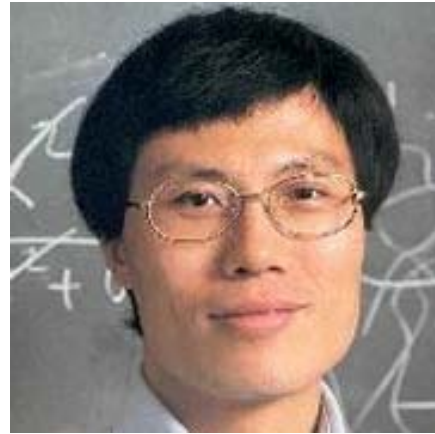


***PDE, COMPLEX ANALYSIS AND
DIFFERENTIAL GEOMETRY SEMINAR***

Guest Speaker: Xiaobo Liu
Peking University



Date: Tuesday, February 5, 2019

Time: 11:00 AM

Location: 258 Hurley Hall

Lecture Title:

Enumerative invariants and integrable systems

Abstract

In this talk I will explain how integrable systems appear in the theory of enumerative invariants such as Hurwitz numbers, Gromov-Witten invariants of special manifolds, etc. If time permits, I will also talk about a far reaching generalization of these phenomena, i. e. the Virasoro conjecture for Gromov-Witten invariants of all smooth projective varieties.