

**ALGEBRAIC GEOMETRY SEMINAR
AT COLUMBIA UNIVERSITY**

2:00 pm:

Gabriele Mondello

Massachusetts Institute of Technology

Combinatorial and tautological classes
on the moduli space of curves

3:30 pm:

Maryam Mirzakhani

Princeton University

Intersection theory on the moduli space of curves
and simple closed geodesics on hyperbolic surfaces

5:00 pm:

Nikita Nekrasov

Institut des Hautes Etudes Scientifiques

Instanton counting and Seiberg-Witten curves

Friday, October 29, 2004
203 Mathematics Hall

Tea will be served at 3:00 pm in 508 Mathematics.

The Columbia Mathematics Department is at 117th Street and Broadway in Manhattan.

For more information, contact Michael Thaddeus, 212-854-4308.