RUTGERS UNIVERSITY
THE STATE UNIVERSITY OF NEW JERSEY
MATHEMATICS DEPARTMENT
HILL CENTER, BUSCH CAMPUS
110 FRELINGHUYSEN ROAD
PISCATAWAY, NJ 08854

23rd D'ATRI MEMORIAL LECTURES

Luigi Ambrosio

Scuola Normale Superiore, Pisa, Italy

Friday, November 10, 2017

"New Estimates on the Matching Problem"

(Early Colloquium) **2:00pm - Hill Center 705**
***** light refreshments at 1:30PM in Room 703 *****

Abstract: The matching problem consists in finding the optimal coupling between a random distribution of N points in a d-dimensional domain and another (possibly random) distribution. There is a large literature on the asymptotic behaviour as N tends to infinity of the expectation of the minimum cost. I will provide first rigorous results for an ansatz proposed recently by Caracciolo et al.

Tuesday, November 14, 2017

"Continuity of Nonlinear Eigenvalues with Respect to m-GH Convergence"

(Nonlinear Analysis Seminar) **1:40pm - Hill Center 705**
***** light refreshments at 1:15PM in Room 703 *****

Abstract: I will describe how, in the nonlinear setting of CD(K, ∞) spaces, the stability of the Krasnoselskii spectrum of the Laplace operator holds under measured Gromov-Hausdorff convergence.

For further information: https://math.rutgers.edu/news-events/lecture-series/885-joseph-d-atri-memorial-lectures