23rd D'ATRI MEMORIAL LECTURES

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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