

RUTGERS UNIVERSITY
DEPARTMENT OF STATISTICS AND BIostatISTICS
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Seminar

Speaker: **Professor Elad Hazan**
Department of Computer Science
Princeton University

Title: **Non-proper prediction from sparse data**

Time: **3:20 – 4:20pm, Wednesday, October 28, 2015**

Place: **552 Hill Center**

Abstract

For many data sets that are sparse and structured, data reconstruction is computationally hard. A notable example is the case for media-recommendation data, which is sparse and low-rank. We consider general model for classification and regression tasks where we have missing data and assume that the (clean) data resides in a low dimensional subspace. We give a non-reconstructive learning approach for this setting with provable guarantees. Joint work with Roi Livni and Yishay Mansour.

**** Refreshments will be served @2:50pm in Room 502 Hill Center ***