## **APPLIED MATHEMATICS COLLOQUIUM**

## Inapproximability of NP-complete problems, Discrete Fourier Analysis, and Geometry

## SUBHASH KHOT (Courant Institute of Mathematical Sciences)

Abstract:

This talk will give an overview of some recent results on inapproximability of NP-complete problems and connections to discrete Fourier analysis and geometry.

A survey is available at: http://www.cs.nyu.edu/~khot/papers/icm-khot.pdf

## Monday May 10<sup>th</sup> 2010 4:30 PM Building 2, Room 105

Refreshments are available in Building 2, Room 290 (Math Common Room) between 3:30 – 4:30 PM

Applied Math Colloquium: <u>http://math.mit.edu/amc/spring2010</u> Mathematics Department: <u>http://www-math.mit.edu</u> To sign up for Applied Mathematics Colloquium announcements, please contact <u>avisha@math.mit.edu</u>



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