



Massachusetts Institute of Technology  
Department of Mathematics

**LUNCH SEMINAR FOR GRADUATE  
STUDENTS**

MONDAY, MARCH 12, 2012  
12:00 - 1:00 PM

ROOM 2-131

**Roman Bezrukavnikov**  
(MIT)

**“Representation categories found in algebraic  
geometry”**

**Abstract**

I will give examples of interaction between algebraic geometry and representation theory. The prototypical result is Kazhdan-Lusztig theory from 1980's, I will describe some more recent progress in similar problems. Much of it fits the pattern known under the name of categorification.

Followed by pizza in room 2-290