



Speaker: Alexander Diaz Lopez
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Monday, October 14, 2013
10:00 AM
258 Hurley Hall

Title: Asymptotic Hecke Algebra II

Abstract:

In the 1980's, David Kazhdan and George Lusztig were looking to decompose a complicated space of functions into irreducible representations of a group. In that quest, they found that this is equivalent to decomposing the regular representations of Hecke algebras. This is the last of two talks in which I will define the α -function and present some conjectures. The ultimate goal is then to define the Asymptotic Hecke Algebra, which, in some sense, is a generalized version of the Hecke Algebra.