Department of Mathematics and Computer Science

Wednesday, February 12, 2014, 4:00

SPECIAL COLLOQUIUM TALK
Speaker: Moshe Adrian
University of Utah

Old Main 2231

The Local Converse Problem for GL(n,F)

Abstract:

Let F be a non-archimdean local field of characteristic zero. The local converse problem, an important problem in the Langlands program, asks to what extent the "twisted gamma factors" determine a representation of GL(n,F). Jacquet has formulated a conjecture on precisely which family of twisted gamma factors can uniquely determine a representation of GL(n,F). I will first give an overview of the Langlands program, and then report on recent progress on Jacquet's conjecture, which is joint work with Baiying Liu and Shaun Stevens.

SNACKS IN FACULTY LOUNGE AT 3:30 PM.
EVERYONE WELCOME (EVEN IF YOU ARE UNABLE TO ATTEND THE TALK)