

abstract

JOINT IAS/PU NUMBER THEORY SEMINAR

Topic:

Speaker:

Affiliation:

Date:

Time/Room:

In a couple of recent works with C. Khare and M. Larsen we construct finite groups of Lie type B_n , C_n and G_2 as Galois groups over rational numbers. The method combines some established, special cases of the functoriality principle with l -adic representations attached to self-dual automorphic representations of $GL(n)$.