

April 13, 2016: Naoki Imai (MIT and University of Tokyo) *Deligne-Lusztig construction for a pair of forms.*

In a study of Lubin-Tate spaces, we find that the ℓ -adic étale cohomology of an Artin-Schreier curve is useful to construct a primitive local Galois representation.

In this talk, we want to discuss a Deligne-Lusztig type construction of varieties, which includes the above-mentioned Artin-Schreier curve as an example.