

Time: Monday May 2nd, 2011 2:30pm

Location: Buchanan A202

Classifying in the spirit of Klein

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One of the most influential ideas I learned as a undergraduate was the idea of Klein that everything in geometry is controlled by a group. I'll introduce Galois Cohomology as one facet of this idea. The key notion being that to understand all objects similar to one object, one must study the automorphism group of any particular one. The basic requirements for this talk is familiarity of any cohomology theory, also algebraic geometry will be required to understand some examples.