

Time: Monday May 2nd, 2011 4:00pm

Location: Buchanan A203

Mumford's Conjecture

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In this talk I will give an overview of Mumford's Conjecture (now a theorem) concerning the cohomology of the moduli space of curves. The moduli space of curves contains rich information about all genus g curves. I will focus on the basic ideas from topology that go into the proof of this conjecture but also explain some implications. This is work by Galatius et al. from 2009.