Speaker: Nigel Boston

Title: Non-abelian Cohen-Lenstra Heuristics

Abstract: In 1983, Cohen and Lenstra conjectured the distribution of p-class groups of imaginary quadratic fields (p odd). These groups are the abelianizations of p-class tower groups, whose distribution Bush, Hajir, and I recently conjectured. Wood and I then computed the moments of this distribution and proved some function field analogues.