Speaker: Leo Goldmakher, Williams College Date & Time: Thu 2 Apr 2015, 3:30pm-4:30pm
Event: Number Theory Seminar
Location: Room MATH 126
Title: Characters and their nonresidues
Abstract: Understanding the least quadratic nonresidue (mod p) is a classical problem, with a history stretching back to Gauss. The approach which has led to the strongest results uses character sums, objects which are ubiquitous in analytic number theory. I will discuss character sums, their connection to the least nonresidue, and some recent work of myself and Jonathan Bober (University of Bristol) on a promising new approach to the problem.

Speaker: Raouf Dridi
Date & Time: Thu 2 Apr 2015, 4:30pm-5:30pm
Event: Symmetries and Differential Equations Seminar
Location: MATH 125
Title/Abstract: TBA