

Talks by

**Professor Efim Zelmanov (1994 Fields Medal)
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For the Commutative Algebra Research Group (CARG) Seminar

Date: Sunday, March 31, 2013 (8:00 a.m. - Room 4-103)

Title: *Complexity of Rewriting Systems*

Abstract: We will discuss complexity of rewriting algorithms in Algebra, known under the names of Groebner-Shirshov, Church-Rosser, Knuth-Bendix, etc.

For the Math and Stat Department Colloquium

Date: Tuesday, April 02, 2013 (11:00 a.m. - Room 6-165)

Title: *Asymptotic Theory of Finite Groups*

Abstract: The talk will focus on profinite groups and their applications in various areas of Mathematics and Computer Science.