Discrete Mathematics Seminar

Time: Friday, 28 February 2014, 2:00-3:00 PM
Room: 238 Derrick Hall
Title: When group theory meets number theory
Speaker: Dr. Yong Yang, Mathematics Department

Abstract:

"When Harry met Sally" is one of my favorite American movies, there are so many touching and funny moments in the film.
  In this talk, I will present several interesting problems in the areas where group theory meets number theory. These are problems in number theory that arise from research in group theory. Some of these problems are related to partitions and Young diagrams, and the others are related to classical arithmetic functions. This talk is based on an expository paper of A. Moreto and some of my own research.
  In the end of talk, I will post several related research projects that are suitable for graduate students.