Title: L^2-cohomology: Fun & Conjectures Abound
Speaker: Dr. Wiktor Mogilski, Binghamton University
Date: Tuesday May 2
Time and Location: 12:00-12:50pm, 3-1623

Abstract: I will present a brief introduction to L^2-cohomology and L^2-Betti numbers, which are gadgets that I have been playing with over the past years. I will discuss the implications of these invariants, survey recent progress, and address some striking conjectures lurking amidst us. Along the way I will present a brief introduction to Coxeter groups and conclude by discussing my contributions to the aforementioned topics. While some of these topics can be difficult and technical in nature, this talk has been partially tailored to be a friendly and accessible advertisement. Undergraduate students: fear not and attend!