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**Speaker:** Chris Porter  
University of Notre Dame, Mathematics & Philosophy

Thursday, May 3, 2012  
3:00 PM  
184 Nieuwland Hall

**Title:** Kolmogorov Complexity and the Incompressibility Method

**Abstract:**

In this talk, we will discuss the basics of Kolmogorov complexity and the so-called incompressibility method, which relies on some basic combinatorial facts about binary strings that have high Kolmogorov complexity (and thus are incompressible, in a certain technical sense). We will also consider several applications of the incompressibility method to combinatorics.