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**Speaker:** Stephen Flood  
University of Notre Dame

Thursday, September 15, 2011  
1:00 PM  
125 Hayes-Healy Hall

**Title:** The computational strength of a Ramsey-type König's Lemma

**Abstract:**

In this talk, we will define a weak regularity principle which is similar to both weak König's lemma and Ramsey's theorem. We begin by studying the computational strength of this principle in the context of reverse mathematics. We then present one way of strengthening this principle, and analyze its reverse mathematics strength.