



Speaker: Damir Dzhafarov
University of Notre Dame

Thursday, April 19, 2012
3:00 PM
245 DeBartolo Hall

Title: Computability theory and sequential forms

Abstract:

I will present some recent work on the computable content of iterated and sequential forms of various well-known combinatorial principles, including Ramsey's theorem. These turn out to have some peculiar combinatorial features, and our techniques for studying them have interesting applications to understanding the principles' reverse mathematical strength.