Mathematical Sciences Colloquium
Michigan Technological University
Fisher Hall 127
November 7, 2014
1:05 p.m.

Flag Algebras and Applications to Permutations

Bernard Lidicky
Iowa State University

ABSTRACT: Flag algebras is a method, recently developed by Razborov, designed for attacking problems in extremal combinatorics. There are recent applications of the method also in discrete geometry or permutation patterns. The aim of talk is to give a gentle introduction to the method and show some of its applications, mainly to permutations.
The talk is based on a joint work with
J. Balogh, P. Hu, O. Pikhurko, B. Udvari, and J. Volec.