

Discrete Mathematics Seminar

November 26, 2015, 10:30 a.m., Ross N638

SPEAKER: Ted Bisztriczky, *University of Calgary/York University*

TITLE: Antipodality in Polytopes

ABSTRACT:

Two distinct vertices of a polytope in a d -space are antipodal if they lie on distinct parallel supporting hyperplanes of the polytope.

We survey the history (another nice illustration of how mathematicians extend and generalize a simple concept) of antipodality in polytopes, and consider some examples of this elementary property.