



# Algebra/Topology Seminar

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## APPLICATIONS OF DISCRETE MORSE THEORY ON VIETORIS–RIPS COMPLEXES

Thursday, April 4, 2019

1:15 p.m. in ES-143

ABSTRACT. This talk will continue the themes of my March 29 colloquium talk, on Bestvina–Brady discrete Morse theory and Vietoris–Rips complexes. I will discuss more details of some applications, in the worlds of topological data analysis and geometric group theory.