## GRAHAM DENHAM, University of Western Ontario *Discrete Morse theory for infinite complexes*

Ten years after its introduction, discrete Morse theory has proven to be a wonderful tool to study the homotopy type of a finite, combinatorially defined complex. I will describe a generalization to a class of infinite complexes: as an example, one obtains new proofs that certain combinatorial models for classifying spaces are, in fact, aspherical.