Julianne Vega* (julianne.vega@uky.edu). 2-matching complexes of clawed graphs.

The 2-matching complex of a graph $G$ is a simplicial complex that arises from 2-matchings of $G$. In this talk, we will consider the topology of the 2-matching complexes for a class of clawed graphs and explore the topological behavior that accompanies attaching leaves to these graphs. (Received July 09, 2019)