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Safia Chettih* (safia@uoregon.edu). *Topology of Configuration Spaces on Graphs*.

The study of configuration spaces has made use of techniques from group theory, Morse theory, and graph theory, among others. I will outline how explicit presentations for homology and cohomology of configurations on graphs, along with their pairings, illuminate combinatorial structures which others have already described, and I will talk about some extensions made possible by incorporating these methods. (Received September 03, 2014)