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Eva-Maria E. Feichtner* (emf@math.uni-bremen.de), Department of Mathematics, University of Bremen, 28359 Bremen, Germany. *On configuration spaces in tropical geometry*. Preliminary report.

Tropical geometry gives rise to a number of interesting configuration spaces. Natural combinatorial stratifications allow for a study of their topology based on techniques from combinatorial algebraic topology. We will report on what is known to date. (Received February 04, 2008)