1127-55-311   **Megan Maguire*** (`mmaguire2@math.wisc.edu`). *Cohomology algebras of configuration spaces.* Preliminary report.

For a manifold X with finite-dimensional cohomology, we know that the cohomology algebra of each unordered configuration space of X is finitely generated, but can we say something stronger about their generators? More precisely, does there exist a D (depending only on X) so that the cohomology algebra of each unordered configuration space of X can be generated in degree at most D? We will answer this question in some cases. (Received February 06, 2017)

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