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Sheel C Ganatra* (ganatra@math.stanford.edu), Stanford Department of Mathematics, Building 380, 450 Serra Mall, Stanford, CA 94305. *Symplectic cohomology relative normal crossings divisors in the topological limit*. Preliminary report.

Symplectic cohomology, first introduced by Floer and Hofer, is an important Floer-theoretic invariant of exact symplectic manifolds. Although it is very effective at distinguishing symplectic structures, very few complete computations are known, and even fewer of its ring structure. In this talk we study the case of complements of normal crossings divisors. We construct a spectral sequence for symplectic cohomology coming from the topology and combinatorics of a normal crossings compactification. Then, we show that in many cases (for instance when there are many ample divisors), this spectral sequence degenerates, giving a complete computation of the symplectic cohomology ring.

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