1163-51-1546   **Orsola Capovilla-Searle*** (`ocapovilla@gmail.com`), Durham, NC 27701. *Complements of smoothed toric divisors of centered toric 4-manifolds.* Preliminary report.

Weinstein manifolds are symplectic manifolds with a handle decomposition compatible with the symplectic structure. Examples of Weinstein manifolds include complex affine spaces, and cotangent bundles of smooth manifolds. The symplectic topology of Weinstein manifolds is encoded in the attaching spheres of the handles. In joint work with Acu, Gadbled, Marinković, Murphy, Starkston and Wu we give an algorithm for the construction of the Weinstein handlebody diagrams for complements of smoothed toric divisors in centered toric 4-manifolds. (Received September 15, 2020)

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