

# Symplectic Geometry Seminar

Monday, Nov 11

4:00pm-5:00pm, room 383N

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“Family Floer cohomology and cotangent bundles”

**Abstract:** I will explain how to use a version of family Floer cohomology to construct an isomorphism between the homology of the free loop space of a closed smooth manifold and (a twisted version of) the symplectic cohomology of its cotangent bundles. Time permitting, I will speculate about versions of this construction for the Fukaya category.