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John Etnyre and **David Shea Vela-Vick*** (shea@math.columbia.edu), 2990 Broadway, MC 4403, New York, NY 10027, and **Rumen Zarev**. *Reconstructing $\text{HF}K^-$ from sutured Floer homology.*

I plan to discuss a method for reconstructing $\text{HF}K^-(Y, K)$ as a direct limit of certain hat homology groups associated to the knot K , each equipped with a naturally defined U -action. Generalizing the techniques used in this construction, one can define useful invariants of contact structures on open 3-manifolds with $\Sigma^2 \times [0, \infty)$ -ends and appropriate boundary data at infinity. In this talk, I'll focus on the construction and discuss applications if time permits. (Received September 14, 2010)