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Peter S Ozsvath* (petero@math.princeton.edu), **Andras Stipsicz** and **Zoltan Szabo**.

Concordance homomorphisms from knot Floer homology. Preliminary report.

I will describe infinitely many linearly independent homomorphisms from the smooth concordance group to the integers, and explain some topological applications of these objects. This is joint work with Andras Stipsicz and Zoltan Szabo. (Received September 02, 2014)