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Leonid Polterovich, Egor Shelukhin* (shelukhin@dms.umontreal.ca) and **Vukasin Stojisavljevic**. *Persistence modules and Hamiltonian diffeomorphisms*.

We discuss applications of the theory of persistence modules to the geometry and dynamics of Hamiltonian diffeomorphisms. This talk is partially based on joint work with Leonid Polterovich and Vukasin Stojisavljevic. (Received July 28, 2017)