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Boris Tsygan* (b-tsygan@northwestern.edu), 2033 Sheridan Road, Lunt Building B4,
Evanston, IL 60201. *A microlocal category of a symplectic manifold.*

To any symplectic manifold we associate a category enriched in infinity-local systems of modules over the Novikov ring.. We discuss some simple examples and relationships with other ways to construct a category for a given symplectic manifold, in particular with the Fukaya category and with Tamarkin's sheaf-theoretical category. (Received August 15, 2016)