

## Hodge microsheaves on cotangent bundles and plumbings

*Friday 7 February 2025 16:00 (1 hour)*

The theory of Hodge microsheaves aims at generalizing the theory of mixed Hodge modules in twofold: (1) “infinite-dimensional” like wrapped sheaves of Nadler, (2) “microlocal” in the style of Bezrukavnikov-Kapranov. In this talk, I’ll explain some background philosophy and some nontrivial computational results in the theory, based on joint work with Takahiro Saito.

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