The 1,2-coloured HOMFLY-PT link homology

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This is joint work with Marko Stosic and Pedro Vaz. In my talk I will show how to generalize the triply graded HOMFLY-PT link homology, due to Khovanov and Rozansky, to links with components labelled 1 and 2. The approach we follow uses bimodules and Hochschild homology, using ideas inniated by Khovanov for ordinary HOMFLY-PT link homology.

1:00 p.m.
Math 520
Columbia University