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*Spectral Sequences in $(\infty, 1)$-categories*

Many spectral sequences in algebraic topology and other areas, can be realized as the spectral sequence associated to a (co)simplicial space. Examples include the Eilenberg-Moore and Adams spectral sequences. In this talk, we will explain how to set up the spectral sequence associated to a simplicial object in an $(\infty, 1)$-category, in a model-independent manner. We will also show how the differentials and filtration of the spectral sequence can be described in terms of the combinatorics of the ambient $(\infty, 1)$-category.

Joint work with D. Blanc.