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*Homotopy colimits of finite posets*

This is joint work with Ximena Fernandez. I will present a generalization of Thomason's theorem on homotopy colimits over posets, which allows us to characterize homotopy colimits of diagrams of simplicial complexes in terms of the Grothendieck construction on the diagrams of their face posets. We will discuss some analogues of well known results on homotopy colimits in the combinatorial setting, including a cofinality theorem and a generalization of Quillen's Theorem A for posets.