

SIMPLICIAL DESCENT CATEGORIES

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In this talk we will present the notion of “simplicial descent category”, as well as some examples and properties. These categories are a simplicial version of homological descent categories, based on “cubical” objects instead of simplicial ones, and introduced by F. Guillén and V. Navarro in their paper “*Un Critère d’Extension des Foncteurs Définis sur les Schémas Lisses*”. We will explain how the localized category of a simplicial descent category is always a “pre-triangulated” category.