## Intersection homotopy type of complex varieties with isolated singularities

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**Abstract:** I will explain a homotopical treatment of intersection cohomology recently developed by Chataur-Saralegui-Tanré, which associates a *perverse homotopy type* to every singular space. In this context, there is a notion of *intersection-formality*, measuring the vanishing of Massey products in intersection cohomology. In this talk, I will show how to compute the perverse algebraic model for a complex algebraic variety with isolated singularities. I will then prove some intersection-formality results using mixed Hodge theory. (This is joint work with David Chataur).