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Clay Cordova* (clay.cordova@gmail.com). *Deformations of Superconformal Field Theories*.

Superconformal quantum field theories frequently describe the compactification of string theory on singular manifolds. Deformations and resolutions of the singularity can then be described in field theory by supersymmetric relevant perturbations. In this talk I'll explain how to classify such perturbations from field theory. Time permitting, I will also give examples of the different types of deformations which arise. (Received January 26, 2014)