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Singularity resolution in string theory

GARY HOROWITZ, UC Santa Barbara

I will give an overview of what string theory can say about the singularities of general relativity. While we do not yet have a complete answer, progress has been made in two different directions. Even perturbatively, string theory resolves some singularities since strings sense spacetime differently than point particles. A nonperturbative formulation of string theory is provided by a gauge/gravity duality. This provides a way to map the problem of spacetime singularities into a problem in a nongravitational field theory. I will give examples of both approaches, and describe the remaining open problems.