

**Speaker:** Gonzalo J. Olmo

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**Title:** Projective invariance, curvature divergences, and the Schwarzschild solution.

**Abstract:** Projective invariance is a symmetry of the Einstein-Hilbert action and of minimally coupled matter fields. It is also intimately related to the reparametrization invariance of geodesics. I will discuss the relevance of this symmetry for the physical interpretation of the Schwarzschild solution and for the classification of curvature singularities.