

Abstract Submitted
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Tests of General Relativity with gravitational waves from compact binary coalescences with Advanced LIGO¹ WALTER DEL POZZO, Univ of Birmingham, LIGO COLLABORATION, VIRGO COLLABORATION — Gravitational waves from compact binary systems provide access to the hitherto unexplored non-linear regime of Einsteins theory of general relativity. The Advanced LIGO first observing run successfully achieved a sensitivity a few times better than the initial generation of interferometers in the hundred hertz frequency band. In this talk, I will describe the methods devised to verify the predictions of general relativity in the Advanced Detector era.

¹on behalf of the LIGO and Virgo collaboration

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