

12th Iberian Gravitational Waves Meeting



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Testing General Relativity with gravitational waves from compact binary coalescences

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In recent years, several tests have been proposed to constrain possible deviations from General Relativity through gravitational-wave observations of compact binary coalescences. Such tests challenge a number of “standard” assumptions regarding the source dynamics, the polarisation content and propagation of the signals, as well as the nature of the compact objects involved in the coalescence. I will present an overview of the results obtained so far and discuss future prospects.

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