

CU Physics Department Particle Seminar

Wednesday, December 5, 2007 705 Pupin Hall 1:00 PM



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Astrophysical interpretations of gravitational wave observations: the present and ideas for the future

Now that LIGO has performed a full run with its initial design sensitivity, it is a good time to review the status of the astrophysical impact of current gravitational wave observations and to consider what we may be able to achieve using observations with enhanced and advanced interferometers. This talk focuses on a few topics of interest to the speaker: observations of gravitational waves from black hole formation, from compact binary coalescences, and from cosmic strings in the early universe.

