



HIGH ENERGY PHYSICS COLLOQUIA

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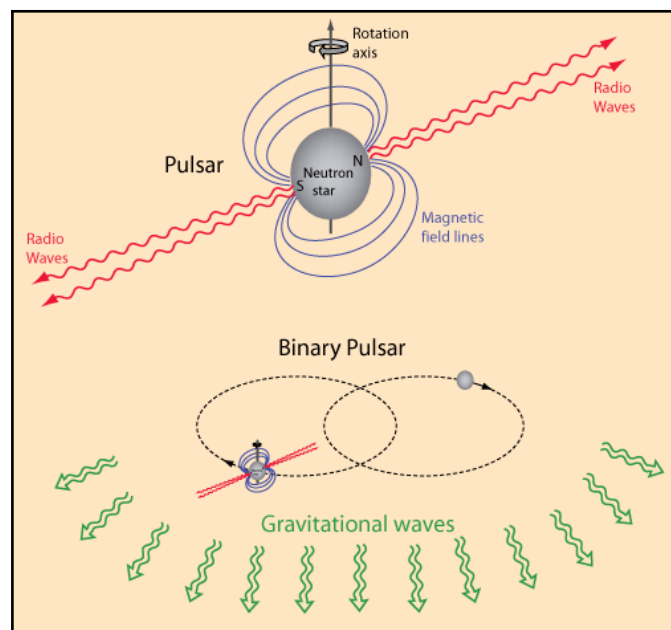
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BINARY PULSARS AS PROBES OF DARK MATTER

Abstract

The high quality of the data from pulsar timing makes pulsars fantastic resource to understand gravitational phenomena and, traditionally, to test general relativity. In this talk I explore a less known possibility: using pulsar timing to detect dark matter; in particular I will focus on the partially interacting dark matter scenario (PIDM), where the formation of a dark disk takes place.



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