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Magnetically driven winds from neutron star merger remnants

The merger of binary neutron stars can result in the formation of a massive, highly magnetized neutron star as remnant.
We study the magnetically driven wind launched from those objects.
The remnant is modelled as an axisymmetric, differentially rotating supramassive neutron star. A realistic equation of state is employed and neutrino emission is taken into account via a leakage scheme.

Author: BREU, Cosima

Co-author: REZZOLLA, Luciano

Presenter: BREU, Cosima

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