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MAGNETIC FIELDS IN RELATIVISTIC COMPACT-OBJECT BINARIES

Friday, 28 March 2014 10:50 (40 minutes)

I will review the recent progress made in modelling binaries of compact objects and the role played by magnetic fields in their evolution. Special attention will be paid to binary neutron stars and to highlighting how the progress of ab-initio fully relativitistic calculations can be used to several aspects of the phenomenology of short gamma-ray burst.

Primary author: Prof. REZZOLLA, Luciano (AEI)

Presenter: Prof. REZZOLLA, Luciano (AEI)

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