



Prof. Dr. Luciano Rezzolla (MPI Potsdam) Modelling sources of gravitational waves

TIME:

14 Feb 2008, 15:00 - 17:00

LOCATION:

HU-Berlin
Institut für Mathematik
Rudower Chaussee 25, Raum 1.013
12489 Berlin

The modelling of sources of gravitational waves requires the solution in fully nonlinear regimes of the Einstein field equations together with those of relativistic hydrodynamics and magnetohydrodynamics. In my seminar I will review briefly the numerical techniques employed to obtain accurate solutions and review the present achievements in the modelling of sources in vacuum and non-vacuum spacetimes.

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