

Applied and Computational Mathematics Seminar

Title:	Modelling "real" neutron stars; dissipative multi-fluid systems in general relativity
Speaker:	Nils Andersson (Southampton)
Date:	Thu 29th May 2008 at 2:15PM
Location:	Mathematical Sciences Seminar Room

Abstract: In this talk I will describe the challenges associated with modelling realistic neutron stars in general relativity. The development of such models is motivated by the needs of gravitational-wave "astronomy". I will describe why we have to consider multi-fluid systems, what this means for the models and how our understanding of this problem has developed in the last few years.

mailto:marc.casals@ucd.ie