



ΓΕΝΙΚΟ ΣΕΜΙΝΑΡΙΟ ΤΜΗΜΑΤΟΣ ΦΥΣΙΚΗΣ

PHYSICS COLLOQUIUM

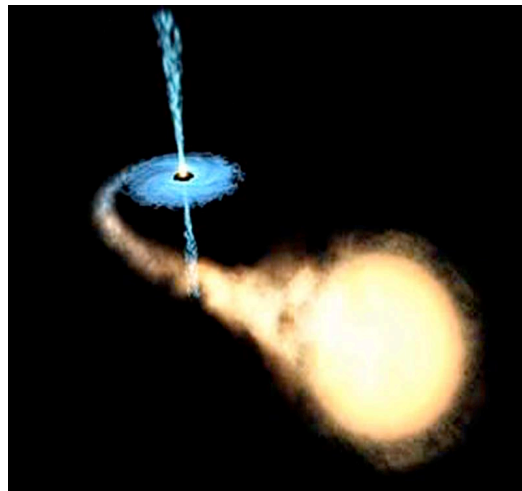
Thursday 1 October 2009
17:00-18:00

3rd Floor Seminar Room

***"Black Holes in the Universe
and the Quest for Microquasars"***

*Dr. Félix Mirabel
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ABSTRACT



I will review the three astrophysical manifestations of black holes: AGN/quasars, microquasars, and gamma-ray bursts of long duration. Then, I shall discuss the physical analogies among black holes of all mass scales, the observed coupling between accretion instabilities and relativistic ejections, and the open questions in this area of research, in particular, the role microquasars may have play during the epoch of re-ionization of the universe.