



CASL Computational Science Seminar

Title: How are molecular outflows made?

Speaker: Dr Turlough Downes (School of Mathematical Sciences, DCU)

Date: Tue 29th May 2007 at 2:00PM

Location: CASL Seminar Room - Belfield Office Park

Abstract: Perhaps counter-intuitively, when stars are forming large fluxes of material are observed moving away from the forming star. Some of these outflows are extremely well collimated and fast, while others (molecular outflows) are slow, cold and not particularly well collimated. The relationship between these two outflows has been the subject of research for some time. We outline one of the more promising theories relating these two kinds of outflows and show how more accurate determinations of the physical characteristics can be made from observational data.

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