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GRB 201015A & the soft GRB population

Tuesday 6 June 2023 18:15 (10 minutes)

My PhD research has been on GRB 201015A, a GRB with lower energetics and a softer spectrum than the majority of the population. I extensively studied the afterglow observations of GRB 201015A. Evidence of energy injection has been found from a surprising shallowing in the x-ray light curve. I studied a small sample of GRBs with similar properties, and I expect the launch of SVOM will add further soft GRBs to the sample. My future work involves simulating the spectra of such events detected by the MXT and ECLAIRS instruments.

Presenter: PATEL, Miti

Session Classification: Student talks