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Gamma-Ray Burst Follow-Up: Lessons and Prospects

mardi 19 mai 2009 09:00 (30 minutes)

I will discuss the experiences of multiwavelength observers of gamma-ray bursts, both historically and since the afterglow revolutions of 1997 (long bursts) and 2005 (short bursts). Looking ahead to the coming era of gravitational-wave and high-energy neutrino (GWHEN) astronomy, I believe the experiences of gamma-ray burst observers will have direct relevance to the GWHEN community, whether or not gamma-ray bursts themselves are revealed to be GWHEN sources. I will attempt to summarize these lessons, and also discuss the prospects for multiwavelength-photon observational programs that may enable detection and physical characterization of GWHEN sources.

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Classification de Session: GRBs from the observation prospective and implication for GWHEN searches