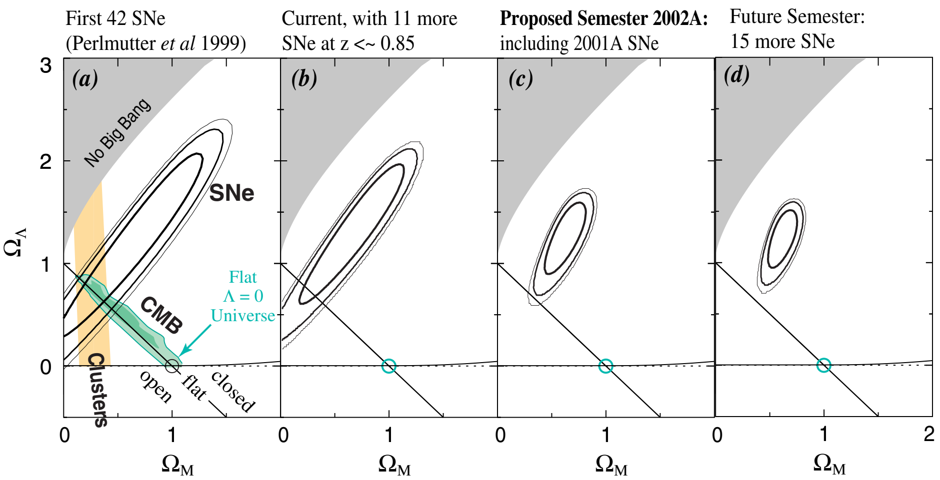
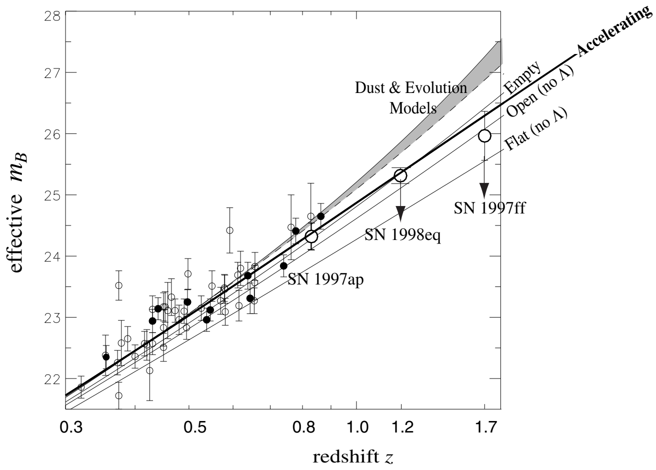
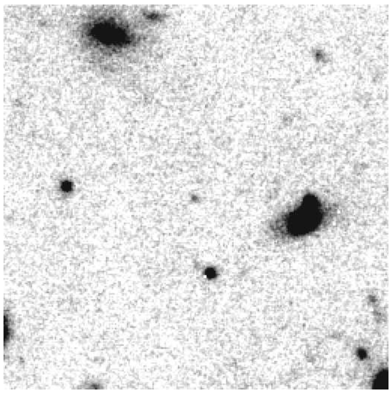


Figure 1: *(a)* Achievable confidence regions (68%, 90%, and 95% are shown in all panels) with the targeted statistical sample. For illustration, a non-flat universe was chosen as the central value of the contours.

Figure 2: Hubble diagram for 42 high-z SNe (Perlmutter et al 1999, filled circles) with our more recently discovered SNe which have HST follow up (Knop et al 2001, open circles). Preliminary magnitude estimates of our highest redshift SN, 1998eq at z=1.2, is suggestive (as is the serendipitous data for SN1997ff at z=1.7, Riess et al 2001), but more SNe at this redshift with better measurements are necessary.





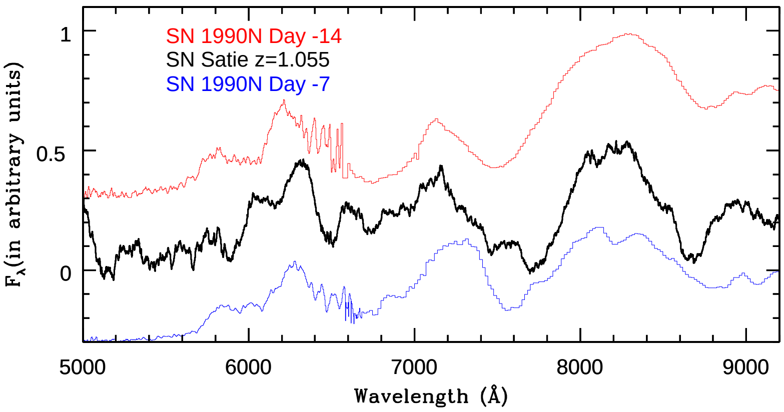


Figure 3: (a) $30'' \times 30''$ section of our NIRI image centered on "Satie", a supernova at $z = 1.06$ discovered in our search during semester 2001A. The combined NIRI image of $\sim$ 12 hours data reaches a signal to noise of about 14. We now require a corresponding reference image for this supernova (b) Spectrum of "Satie" obtained in 2 hrs with ESI on Keck, smoothed to 155A, and compared to the nearby template SN1990N.

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