



G54.1+0.3

Dust is flying past and engulfing a family of stars nearby this remnant of a collapsed star. Scientists think the stars in the image are part of a stellar cluster into which the supernova exploded. This composite image of G54.1+0.3 shows X-rays from Chandra in blue, and infrared data from Spitzer in green (shorter wavelength) and red-yellow (longer wavelength). The white source near the center of the image is a rapidly rotating neutron star, or “pulsar,” left behind after the star exploded. The pulsar generates a wind of high-energy particles—seen in the Chandra data—that expands into the surrounding environment, illuminating the material ejected in the supernova.

March 2011

S	M	T	W	Th	F	Sa
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		