



AUGUST 2016

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			

ABELL 1033

Astronomers have found evidence for a “radio phoenix” in the collision of two galaxy clusters, where vast clouds of high-energy particles have been re-energized. This composite image of Abell 1033 combines X-ray data from Chandra (pink) along with radio data (green) and optical data that reveals the density of the galaxies (blue). By tracing the history of mergers like the one found in Abell 1033, astronomers can better understand how galaxy clusters—the largest structures in the Universe held together by gravity—evolve over time.

Credit: X-ray: NASA/CXC/Univ of Hamburg/F. de Gasperin et al; Optical: SDSS; Radio: NRAO/VLA