



## JUNE 2018

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

### NGC 4696

Data from Chandra and other telescopes have provided evidence for repeated bursts of energetic particles generated by the supermassive black hole at the center of the Centaurus Cluster. This composite image contains X-ray data from Chandra (red) that reveals the hot gas in the cluster, and radio data from the VLA (blue) that shows high-energy particles produced by jets powered by the black hole. Visible light data from Hubble (green) show galaxies in the cluster as well as galaxies and stars outside the cluster. The image is about 2.2 arcminutes (about 14 million light years) across.

Credit: X-ray: NASA/CXC/MPE/J.Sanders et al.; Optical: NASA/STScI; Radio: NSF/NRAO/VLA