



Abell 520

Abell 520 is the site of a collision of massive galaxy clusters located about 2.4 billion light years from Earth. Data from Chandra (green) reveal large clouds of multi-million degree gas in the clusters and provide evidence for a collision. Optical data from Hubble and the Canada-France-Hawaii Telescope appear white and yellow, while starlight from galaxies within the clusters is colored orange. This result confirms the presence of a concentration of dark matter near the peak of the X-ray emission, where very few galaxies are found. The origin of this “dark core” is still a puzzle.

April 2013

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