



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 multimillion 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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