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## Cosmological Implications of Massive Clusters in the Early Universe

*Wednesday, 20 April 2011 14:30 (20 minutes)*

We describe recent observations of massive, high redshift clusters of galaxies, and show that they appear to be in tension with best fit WMAP 7 LCDM cosmological parameters. We show that we can alleviate the tension by introducing the non Gaussianity parameter  $f_{\text{nl}}$ . We discuss other recent work on these massive objects.

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