Correction to June Newsletter:

Due to error on the part of the editor, the third item was incorrectly described as confirming a constant surface brightens of galaxies. In fact, the paper used old data from Lubin and Sandage which implied a \((z+1)^{-3}\) variation in surface brightness. The error is now corrected in the June newsletter.

Two papers on the difficulty of reconciling galaxy number density and evolution models.

Title: Rapid Evolution in the Most Luminous Galaxies During the First 900 Million Years
Authors: Rychard J. Bouwens (UCSC), Garth Illingworth (UCSC)

Measuring the Average Evolution of Luminous Galaxies at \(z<3\): The Rest-frame Optical Luminosity Density, Spectral Energy Distribution, and Stellar Mass Density
Authors: Gregory Rudnick, Ivo Labbe, Natascha M. Foerster Schreiber, Stijn Wuyts, Marijn Franx, Kristian Finlator, Mariska Kriek, Alan Moorwood, Hans-Walter Rix, Huub Roettgering, Ignacio Trujillo, Arjen van der Wel, Paul van der Werf, Pieter G. van Dokkum

A possible explanation of the lack of Sunyaev-Zel'dovich Effect

Non-thermal cluster emissions: a simultaneous interpretation of the central soft X-ray excess and WMAP's non-detection of the Sunyaev-Zel'dovich Effect
Authors: Richard Lieu, John Quenby

New measurements of non-Gaussian ellipticity of CMB anisotropies

Title: Ellipticity in Cosmic Microwave Background as a Tracer of Large-Scale Universe
Authors: V.G.Gurzadyan, C.L.Bianco, A.L.Kashin, H.Kuloghlian, G.Yegorian

Low values of deuterium abundance in local space

Spitzer observations of hydrogen deuteride
Authors: David A. Neufeld (JHU), Joel D. Green (Rochester), David J. Hollenbach (NASA/Ames), Paule Sonnentrucker (JHU), Gary J. Melnick (CfA), Edwin A. Bergin (U. Michigan), Ronald L. Snell (U. Mass.), William J. Forrest (Rochester), Dan M. Watson (Rochester), Michael J. Kaufman (San Jose State U.)