

# Alternative Cosmology Group Newsletter - May 2006

Posted May 18, 2006

## Continued evidence in WMAP-3 year data of Alignments and non-Gaussianity

L. R. Abramo, A. Bernui, I. S. Ferreira, T. Villela, C. A. Wuensche, "Alignment tests for low CMB multipoles," posted to arXiv.org: <http://lanl.arxiv.org/pdf/astro-ph/0604346>.

C. Copi, D. Huterer, D. Schwarz, G. Starkman, "The Uncorrelated Universe: Statistical Anisotropy and the Vanishing Angular Correlation Function in WMAP Years 1-3," posted to arXiv.org: <http://lanl.arxiv.org/pdf/astro-ph/0605135>.

L. R. Abramo, L. Sodre Jr., C. A. Wuensche, "Anomalies in the low CMB multipoles and extended foregrounds," posted to arXiv.org: <http://lanl.arxiv.org/pdf/astro-ph/0605269>.

## Problems grow with "reionization" hypothesis

P. Madau, "Astronomy: Trouble at first light," posted to arXiv.org: <http://lanl.arxiv.org/pdf/astro-ph/0604448>.

H. Yan, M. Dickinson, M. Giavalisco, D. Stern, P. R. M. Eisenhardt, H. C. Ferguson, "The Stellar Masses and Star Formation Histories of Galaxies at  $z \sim 6$ : Constraints from Spitzer Observations in the Great Observatories Origins Deep Survey," posted to arXiv.org: <http://lanl.arxiv.org/pdf/astro-ph/0604554>.

## Bigger galaxies, clusters and superclusters grow much faster than predicted

R. K. Sheth, R. Jimenez, B. Panter, A. Heavens, "Environment and the cosmic evolution of star formation," posted to arXiv.org: <http://lanl.arxiv.org/pdf/astro-ph/0604581>.

A. Cimatti, E. Daddi, A. Renzini, "Mass downsizing and "top-down" assembly of early-type galaxies," posted to arXiv.org: <http://lanl.arxiv.org/pdf/astro-ph/0605353>.

J. Einasto, M. Einasto, E. Saar, E. Tago, L. J. Liivamagi, M. Joeveer, I. Suhhonenko, G. Hutsi, J. Jaaniste, P. Heinamaki, V. Muller, A. Knebe, D. Tucker, "Luminous superclusters: remnants from inflation," posted to arXiv.org: <http://lanl.arxiv.org/pdf/astro-ph/0605393>.

## Defense of conventional Large scale structure theory

V. Springel, C. S. Frenk, S. D. M. White, "The large-scale structure of the Universe," posted to arXiv.org: <http://lanl.arxiv.org/pdf/astro-ph/0604561>.

## Analysis of the Hubble diagram of quasars

S. Roy, D. Datta, M. Roy, M. Kafatos, "Statistical Analysis of Quasar Data and Hubble Law," posted to arXiv.org: <http://lanl.arxiv.org/pdf/astro-ph/0605356>