

Alternative Cosmology Group Newsletter - January 2007

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Happy new year to all! There are only three papers in this month's newsletter, but each of them, if confirmed, would be quite startling if not revolutionary.

First is an observation of anisotropy in the speed of light aligned with the CBR dipole, the presumed direction of motion of the Solar System relative to the CBR rest frame.

This report, which follows other similar observations which we highlighted in earlier newsletters, contradicts the normal interpretation of the Michelson Morley experiment and the basic axioms of special relativity.

On the Light Speed Anisotropy vs Cosmic Microwave Background Dipole: European Synchrotron Radiation Facility Measurements

Authors: V.G.Gurzadyan, J.-P.Bocquet, A.Kashin, A.Margarian, O.Bartalini, V.Bellini, M.Castoldi, A.D'Angelo, J.-P.Didelez, R.Di Salvo, A.Fantini, G.Gervino, F.Ghio, B.Girolami, A.Giusa, M.Guidal, E.Hourany, S.Knyazyan, V.Kouznetsov, R.Kunne, A.Lapik, P.Levi Sandri, A.Lleres, S.Mehrabyan, D.Moricciani, V.Nedorezov, C.Perrin, D.Rebreyend, G.Russo, N.Rudnev, C.Schaerf, M.-L.Sperduto, M.-C.Sutera, A. Turinge

<http://lanl.arxiv.org/abs/astro-ph/0701127>

The second paper adds to the evidence for intrinsic redshifts in quasars.

An Abrupt Upper Envelope Cut-off in the Distribution of Angular Motions in Quasar Jets is Compatible in all Respects with a Simple Non-Relativistic Ejection Model

Authors: M.B. Bell, D.R McDiarmid

The third paper shows how specific plasma phenomena can account for intrinsic QSO redshifts.

<http://lanl.arxiv.org/abs/astro-ph/0701093>

Dynamic Multiple Scattering, Frequency Shift and Possible Effects on Quasar Astronomy

Authors: Sisir Roy, Malabika Roy, Joydip Ghosh, Menas Kafatos.

<http://lanl.arxiv.org/abs/astro-ph/0701071>