



## Voyage to the Great Attractor: Exploring Intergalactic Space

By Dressler, Alan Michael

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The Cosmic Flows project : voyage to the Great Attractor. HÃ©IA—ne Courtois. Ass. Prof University of Lyon, France. Research associate, Institute for Astronomy, Hawaii, USA. Workshop Structure of the Universe, Obs Paris Nov 28, 2012. 2D 3D 4D.Â Great Attractor. CLUES-1 : 180 Mpc box. Virgo. Perseus. Constraint simulations using peculiar velocities in the Initial Conditions: WF + the back in time machine RZA.Â â€¢ Start of the science work on Euclid space mission : Definition of the interface between NISP instrument simulator OU-SIM and the cosmological numerical simulations CSWG. Preparing the production of the first simulated images for NISP. in collaboration with CPPM Marseille and Durham Univ., UK. SGY [Mpc/h]. 160. The location of the Great Attractor is shown following the long blue arrow at bottom-right. Hubble Telescope image of the region of the sky where the Great Attractor is located. The Great Attractor is a gravity anomaly in intergalactic space within the vicinity of the Hydra-Centaurus Supercluster at the center of the Laniakea Supercluster that reveals the existence of a localized concentration of mass tens of thousands of times more massive than the Milky Way. This mass is observable by its effect on the motion of galaxies and their associated clusters over a region hundreds of millions of lig...Â Dressler, Alan (1994). Voyage to the Great Attractor: Exploring Intergalactic Space. New York: External links. PDF Download Exploring Space Exploring Earth New Understanding of the Earth from Space Research PDF Full Ebook. Chocho Karim 7. 0:07. [PDF Download] Exploring Space Exploring Earth: New Understanding of the Earth from Space Research. Giwukaga. 0:30. Read Now Exploring Space, Exploring Earth: New Understanding of the Earth from Space Research. Anssoleova. 0:19. PDF Download Exploring Space Exploring Earth New Understanding of the Earth from Space Research PDF Full Ebook. Ionut Puia. 0:08.Â The Great Attractor - Mystery of the Universe. Ø£ÜØ¶Ü,, ÛÜŠØ-ÛŠÛ°. 3:06. What Is The Great Attractor? costello74. 0:07. Read Exploring the Great Texas Coastal Birding Trail: Highlights Of A Birding Mecca (Exploring. Hunathea. 0:19.

The Great Attractor is an apparent gravitational anomaly in intergalactic space at the center of the local Laniakea Supercluster, in which the Milky Way is located, in the so-called Zone of Avoidance that is very difficult to observe in visible wavelengths due to the obscuring effects of our own galactic plane. This anomaly suggests a localized concentration of mass thousands of times more massive than the Milky Way. Voyage to the Great Attractor. In the mid-1970's, astronomers studying the Cosmic Microwave Background radiation to study the large scale homogeneity of the Universe discovered a startling dipole pattern on the sky. Indeed more modern observations with the COBE (Cosmic Background Explorer) satellite have shown this to be essentially a perfect dipole. The amplitude of the dipole is only  $3.358 \pm 0.001$  milli Kelvins in the direction ( $l = 264.31 \pm 0.16$ ,  $b = +48.05 \pm 0.09$ , Galactic coordinates, or  $RA = 11.199$  h,  $Dec = -7.22$ , celestial coordinates).  
Dressler, Alan (1994) "Voyage to the Great Attractor: Exploring Intergalactic Space. New York: Alfred A. Knopf. pp. 355. ISBN 978-0394588995. "Voyage to the Great Attractor: Exploring Intergalactic Space." New York, Alfred A. Knopf, 1994.  
References.  
Great Attractor noun a massive grouping of galaxies in the direction of Centaurus and Hydra whose gravitational attraction is believed to cause deviations in the paths of other galaxies  
Hypernyms: galaxy, extragalactic nebula  
Useful english dictionary. great greatness, n. /grayt/, adj., greater, greatest, adv., n., pl. greats, (esp. collectively) great, interj. adj.

The location of the Great Attractor is shown following the long blue arrow at bottom-right. Hubble Telescope image of the region of the sky where the Great Attractor is located. The Great Attractor is a gravity anomaly in intergalactic space within the vicinity of the Hydra-Centaurus Supercluster at the center of the Laniakea Supercluster that reveals the existence of a localized concentration of mass tens of thousands of times more massive than the Milky Way. This mass is observable by its effect on the motion of galaxies and their associated clusters over a region hundreds of millions of light-years across. Dressler, Alan (1994). *Voyage to the Great Attractor: Exploring Intergalactic Space*. New York: External links. Diels H., Kranz W. (DK) (1951-1952) *Die Fragmente der Vorsokratiker* (Berlin) Dressler A. (1995) *Voyage to the Great Attractor: Exploring Intergalactic Space* (Vintage) Frank E. (1923) *Plato und die sogenannten Pythagoreer: Ein Kapitel aus der Geschichte des griechischen Geistes* (Halle). *Die Fragmente des Philolaos und das sogenannte philolaische Weltsystem*, *Mnemosyne* 3.