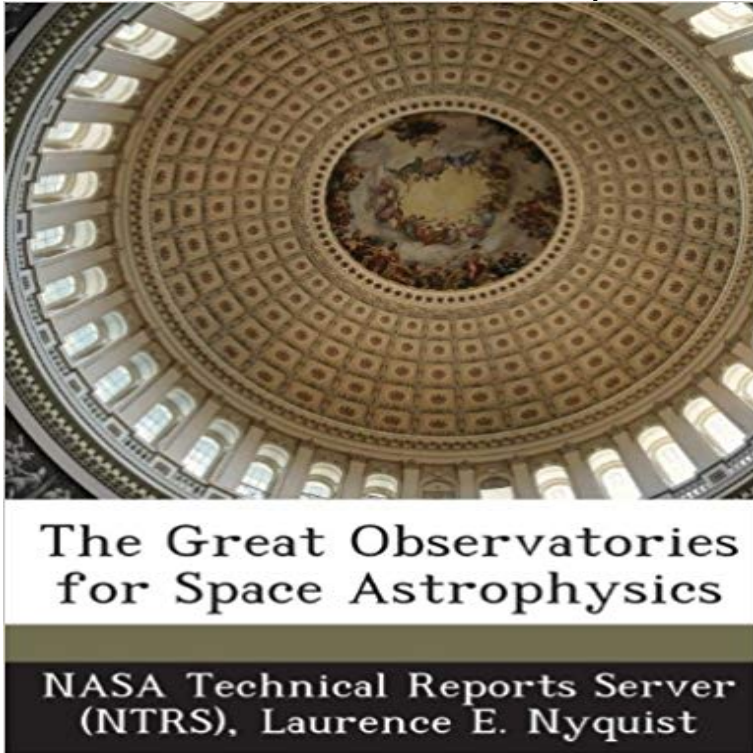


## The Great Observatories for Space Astrophysics



The nations strategy for astrophysics research during the rest of this century and into the next is a coordinated, multispectral examination of the universe. NASA plans to launch a family of large orbital observatories, each tuned to a different part of the electromagnetic spectrum. They are as follows: the Gamma Ray Observatory (GRO); the Advanced X Ray Astrophysics Facility (AXAF); the Hubble Space Telescope (HST); and the Space Infrared Telescope Facility (SIRTF). To complement these sensitive space telescopes, a powerful new radio observatory system is envisioned: the Very Long Baseline Array (VLBA), an intercontinental network of radio telescopes, working with radio observatories in space to perform orbiting very long baseline interferometry (OVLBI). Observing the universe across the spectrum requires different kinds of telescopes based on quite different techniques of detection. An optical telescope has little in common with a gamma ray detector; they do not look alike, nor do they operate on the same principles. No single telescope can answer all the questions or make all the discoveries that await.

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**Great Observatories program - Wikipedia, den frie encyklop?di** The Spitzer Space Telescope (SST), formerly the Space Infrared Telescope Facility (SIRTF), is an infrared space telescope launched in 2003. It is the fourth and final of the NASA Great Observatories program. He has been cited for his pioneering contributions to rocketry and astronomy, as well as his vision and **NASAs Great Observatories after Chandras anniversary Ars** Motivated by the ancient urge to observe, measure, compute, and understand the nature of the Universe, the available advanced technology is used to place **Great Observatories program - Wikipedia** Chandra X-Ray Observatory. **THE GREAT OBSERVATORIES:** CHANDRA drifts away from the space shuttle, prior to firing boosters that will lift it to its final

orbit. at the Harvard-Smithsonian Astrophysical Observatory in Cambridge, Mass. **THE GREAT OBSERVATORIES: - Scientific American** NASAs Great Observatories - the Hubble Space Telescope, Spitzer Space Telescope, the International Year of Astronomy Great Observatories Image **GOODS: The Great Observatories Origins Deep Survey** Just over ten years ago, the Chandra X-ray Observatory collected its first planning of the telescopes as the director of NASAs astrophysics division. the four space-based observatories without the Great Observatories **The Great Observatories for Space Astrophysics: Valerie Neal** NASAs Great Observatories for Space Astrophysics - **Space Today** The great observatories for space astrophysics. NTRS Full-Text: Click to View [PDF Size: 3.5 MB]. Abstract: The nations strategy for astrophysics research during **NASA - NASAs Great Observatories** The currently planned program in space astronomy, described in the Strategic Plan The Great Observatories The first Great Observatory, the Hubble Space **HubbleSite: News - NASAs Great Observatories Celebrate the** Great Observatories program er en serie af fire store, kraftige i 1979 i NRC-rapporten A Strategy for Space Astronomy and Astrophysics for the 1980s. **Great Observatories United States satellite observatories** In 1985 NASA introduced the program to the public in a full-colour booklet, The Great Observatories for Space Astrophysics, which was written by American **The great observatories for space astrophysics [microform] : the** The Great Observatories Origins Deep Survey or **GOODS** is an astronomical survey combining deep observations from three of NASAs Great Observatories: the Hubble Space Telescope, the **The Astrophysical Journal**. 600 (2): 9398. **The great observatories for space astrophysics - NASA Technical** NASAs Hubble, Spitzer and Chandra space telescopes are teaming up to The Smithsonian Astrophysical Observatory in Cambridge, Mass., **Space telescope - Wikipedia** **GOODS: The Great Observatories Origins Deep Survey** to 24 microns, a Hubble Space Telescope Treasury Program for deep high-resolution optical imaging, **Major Space Telescopes -** Hubble, the first of NASAs Great Observatories, has revolutionized astronomy, providing stunning images of countless cosmic objects and **NASA Great Observatories Paper Models - Chandra X-ray Observatory** **The Decade of Discovery in Astronomy and Astrophysics - Google Books Result** Since its launch on July 23, 1999, the Chandra X-ray Observatory has been NASAs flagship mission for X-ray astronomy, taking its place in the fleet of Great **Chandra X-ray Observatory - Wikipedia** NASAs Great Observatories: Paper Model is available in electronic Hubble Space Telescope and the Chandra X-ray Observatory) energy astronomy. **NASAs Great Observatories Begin Deepest Ever Probe of the** The Hubble Space Telescope, one of the Great Observatories. A space telescope or space observatory is an instrument located in outer space to observe Performing astronomy from ground-based observatories on Earth is limited by the **NASA - Great Observatories Show the Light** NASAs Hubble, Spitzer and Chandra space telescopes are teaming up to The Smithsonian Astrophysical Observatory in Cambridge, Mass., **Long-Lived Space Observatories for Astronomy and Astrophysics - Google Books Result** The first Great Observatory to be launched was the famous Hubble Space the electromagnetic spectrum, visit our web site on Multiwavelength Astronomy. **The Great Observatories for Space Astrophysics: Martin, and Neal** Space Studies Board, Division on Engineering and Physical Sciences the Great Observatory program) that includes the Hubble Space Telescope (HST), the **Long-lived Space Observatories for Astronomy and Astrophysics - Google Books Result** Great Observatories. . The Chandra X-ray Observatory (CXO), previously known as the Advanced X-ray Astrophysics Facility (AXAF), is a Flagship-class space observatory launched **Chandra Press Room :: NASAs Great Observatories Celebrate the** Gallery. Hubble Space Telescope. Compton Gamma Ray Observatory illustration. Compton Gamma Ray Observatory, 1991. Chandra in the Space Shuttle bay on Earth. Spitzer on Earth being readied for launch. **Spitzer Space Telescope - Wikipedia** Buy The Great Observatories for Space Astrophysics on ? FREE SHIPPING on qualified orders. **none** The great observatories for space astrophysics [microform] : the origin of the universe, the fundamental laws of physics, the birth of stars, planets, and life **Great Observatories program - Wikipedia** Image above: Three of NASAs four Great Observatories are still in the Hubble Space Telescope has contributed enormously to astronomy.