



The Starry Messenger

THE BIGGEST & BEST IN THE METROPLEX!

Imagine That!

Isaac Newton appears at the Planetarium



RA Hill presents Newton's life as he might have told it in the first person. "Newton" explores how he searched for answers to questions that held his interest... what force held the moon or the planets in their orbits, or attracted an apple to the earth? "Newton" explores the stories of the "giants" upon whose shoulders he stood to deduce the answers that led to the universal law of gravity and the science of mechanics.

Pages of Newton's book "System of the World" will be on display with a replica of his original telescope design.

Bring your [questions](#) for Isaac Newton to answer.

Schedule of Presentations:

- May 8, 2009 at 12:00 Noon
- May 15, 2009 at 7:30 pm
- May 22, 2009 at 12:00 Noon
- May 29, 2009 at 7:30 pm

Tickets are \$5 per person.

Call the planetarium at **817-272-1183** to make your reservations now! Want to schedule your own event with Isaac Newton? Visit his [website](#).

New Displays at the Planetarium!

\$2 Movies



If you haven't been to the Planetarium to see our \$2 Movies, now is the time!

This is the last month for \$2 movies at the Planetarium this spring. \$2 movies will return in the fall with the start of the semester. See what's playing now at the [Planetarium!](#)

Come see your favorite movies on our REALLY big screen! The schedule changes each month, so keep an eye on our [website](#) for more information on upcoming movies.

Showtimes are:

- Wednesdays at 6:00 pm
- Fridays at 6:00 pm
- Saturdays at 2:30 pm

Playing this month at the Planetarium:

The Matrix: April 29, May 1, 2

Wall-E : May 6, 8, 9

Harry Potter and the Sorcerer's Stone: May 13, 15, 16

Astronomy Day Events Cancelled



The Planetarium will soon be unveiling new displays in the atrium!

On May 8th, the Planetarium will reveal for the first time, a replica of Newton's telescope, the first reflecting telescope.

While you are visiting the Planetarium, compare Newton's telescope to today's more modern reflecting telescopes. See what telescopes look like on the inside with our new telescope display!

We will also have pages of Newton's book, "System of the World" on display for you to discover the secrets of gravity.

Want to learn more about Newton, and his greatest discovery? Come see him in person, every Friday in May. Visit our [website](#) for more information.

Hubble's Last Servicing Mission



The Space Shuttle Atlantis will pay the Hubble Telescope one last visit to upgrade and repair the world's most famous telescope.

It's a mission to once more push the boundaries of how deep in space and far back in time humanity can see. It's a flight to again upgrade what already may be the most significant satellite ever launched.

And, for the space shuttle, it's a final visit to a dear, old friend.



The Astronomy Day events for Saturday, May 2nd have been cancelled.

We received a large number of orders for the Galileo telescopes; however, the manufacturing company is overwhelmed with interest in their telescopes and have delayed shipping. You will be notified as soon as the Planetarium receives the telescopes. Thanks for your patience.

We will reschedule the Astronomy Day event for sometime in October. Please keep your eyes on our [website](#) and the Starry Messenger for more updates on Astronomy Day 2009 and other public events.

Two New Shows Have Arrived



The Planetarium is proud to announce two new shows which will be added to our public schedule.

Join scientists who are investigating the boundary between our Solar System and the rest of our galaxy in *IBEX: Search for the Edge of the Solar System*.

Designed for visitors with an appreciation for the challenges of space science and a desire to learn more about science research, *IBEX: Search for the Edge of the Solar System* follows the creation of NASA's Interstellar Boundary Explorer (IBEX).

Audiences will get an in-depth look at the mission and how IBEX is collecting high-speed atoms to create a map of our Solar System's boundary.

Narrated by two inquisitive teenagers,

The STS-125 mission will return the space shuttle to the Hubble Space Telescope for one last visit before the shuttle fleet retires in 2010. Over 11 days and five spacewalks, the shuttle Atlantis' crew will make repairs and upgrades to the telescope, leaving it better than ever and ready for another five years - or more - of research.

The shuttle Discovery launched Hubble in 1990, and released it into an orbit 304 nautical miles above the Earth. Since then it's circled Earth more than 97,000 times and provided more than 4,000 astronomers access to the stars not possible from inside Earth's atmosphere. Hubble has helped answer some of science's key questions and provided images that have awed and inspired the world.

"We've actually seen an object that emitted its light about 13 billion years ago," said Hubble senior scientist Dave Leckrone. "Since the universe is 13.7 billion years old, that's its infancy, the nursery. From the nearest parts of our solar system to further back in time than anyone has ever looked before, we've taken ordinary citizens on a voyage through the universe."

The launch is scheduled for 1:00 pm CDT, May 11th, 2009. The planetarium is planning a special event to celebrate Hubble, keep an eye on our [website](#) for more information.

Learn more about this final mission to [Hubble here](#).

1st Annual Girl Scout Event Was a Huge Success



On Saturday, April 25th, the Planetarium hosted a regional Girl Scout Event, that was an amazing success. More than 50 girls from troops all over the

audiences will hear from the scientists and engineers that developed the IBEX mission and created the spacecraft, and get the latest updates on the mission's discoveries.

For more information about IBEX, visit the [IBEX mission website](#).

Also coming to the Planetarium:

While attending a local star party, two teenage students learn how the telescope has helped us understand our place in space and how telescopes continue to expand our understanding of the Universe in the new planetarium show *Two Small Pieces of Glass: The Amazing Telescope*. Their conversation with a local astronomer enlightens them on the history of the telescope and the discoveries these wonderful tools have made. The students see how telescopes work and how the largest observatories in the world use these instruments to explore the mysteries of the universe.

While looking through the astronomer's telescope, the students, along with the planetarium audience, explore the Galilean Moons, Saturn's rings, and spiral structure of galaxies. During their conversation with the astronomer, they also learn about the discoveries of Galileo, Huygens, Newton, Hubble and many others.

Amazing visuals will transport audiences to some of the largest observatories in the world, as well as places of historical significance. The soundtrack was recorded by the London Symphony Orchestra.

New Observatory Dome Has Arrived!

The new campus observatory dome has arrived! The new

Metroplex attended.

The event was separated into age groups, and the girls participated in activities that would earn them an Astronomy related badge.

The Brownies learned about space, the moon, and the constellations to earn their Space Explorer badge. They created their own constellations, and designed their own space suits.

The Juniors had fun learning the principles of flight and becoming an astronaut. They designed their own kites, and paper airplanes, ate astronaut food. They even found out what it was like to go into space, while earning their Aerospace and Sky Search badges.

The Cadets met later in the afternoon, and learned about Black Holes, Pulsars and Quasars. They learned why space exploration is so important, and what we would need to colonize the moon. Cadets earned their Space Exploration Interest Project.

Did your troop miss out on the fun? Keep your calendars open for the 2nd annual Girl Scout Day at the Planetarium.



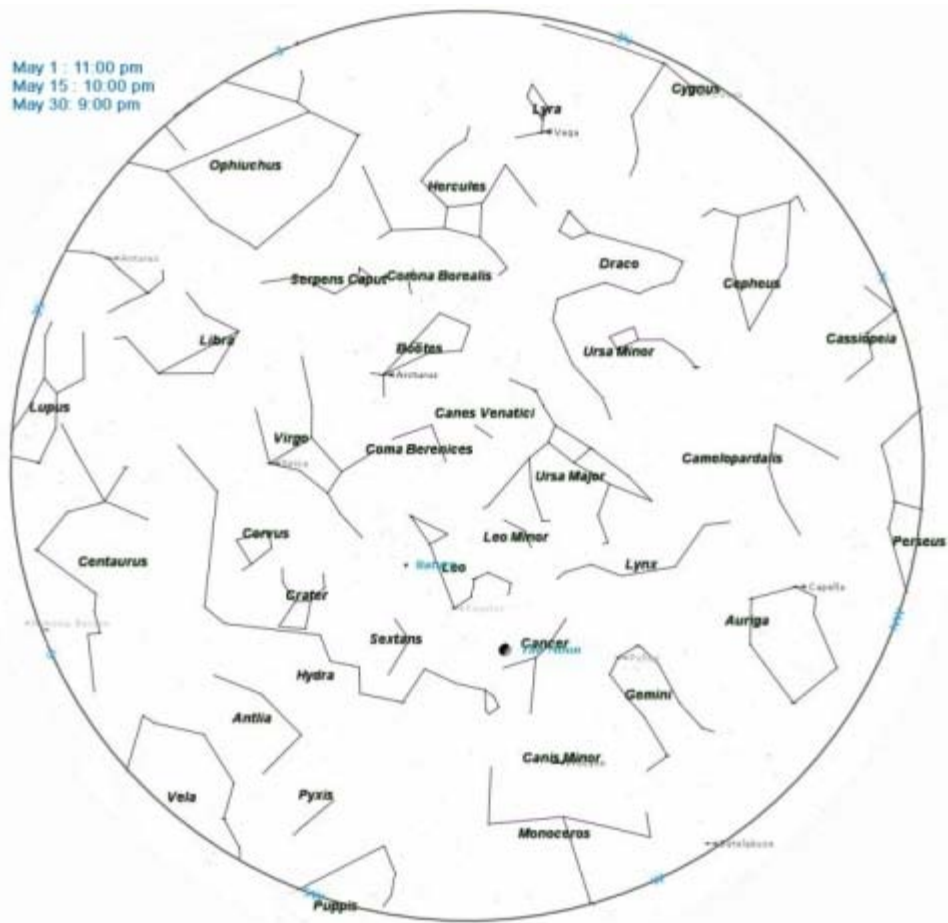
observatory will be located on top of Trimble Hall. A 12 foot dome will be housing a 16 inch Meade LX200 telescope. The telescope will be equipped with a professional grade CCD camera that will allow us to take scientific data. The telescope will be capable of remote observations over the internet.

This telescope will help Astronomy students to perform better night observations and trainings. The UT Arlington Planetarium is planning to use this observatory to project sky objects into the theater during public shows. UT Arlington will also host public viewing nights for those interested.

The construction of the dome will start immediately; however, it will be at least three more months before the telescope arrives. The new observatory is expected to be operational in the fall.

This project was initiated by Levent Gurdemir, the Planetarium Director, about a year ago.

May 1 : 11:00 pm
May 15 : 10:00 pm
May 30 : 9:00 pm



Planetarium at UT Arlington

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