



## The Starry Messenger has changed!

In an effort to better serve you, the Starry Messenger will now be sent in HTML format, instead of as a PDF attachment. If you are unable to read our newsletters, or if you would like a printable version, you can download the current newsletter on our [website](#). If you have any questions, comments, or concerns about the new format for the Starry Messenger, please send them to [planetarium@uta.edu](mailto:planetarium@uta.edu)

Give the Planetarium This Holiday!  
Become a Member!



Membership at the planetarium helps us to achieve our mission of teaching the wonders of the universe. Become a member and receive free tickets to new shows debuting at the planetarium. PLUS, just in time for the holidays, new members will receive a free planetarium t-shirt. Make the planetarium a gift today!

Members receive:

- \* Free Star Maps
- \* 10% discount to the Star Store gift shop
- \* FREE admission to all new shows
- \* Invitation to our annual "Reach for the Stars" event which welcomes an astronaut or scientist for a special presentation and reception each spring

**Star** \$40 \*Star Members receive 2 free tickets to EACH new show

**Solar System** \$60 \*Solar System Members receive 4 free tickets to EACH new show

**Star Cluster** \$100 \*Star Cluster Members receive 6 free tickets to EACH new show

**Galaxy** \$1000 \*Galaxy Members receive 8 free tickets to EACH new show

Become a Galaxy Member and you will receive your own personalized chair in the planetarium theater!



Regional Girl Scout Event at the Planetarium  
Mark your Calendars!

On April 25, 2009 the Planetarium at UT Arlington will be hosting a regional event for the Girl Scouts. Come for the whole day. Earn badges! Learn about space! And have fun! All while visiting the planetarium. This event is open to all girl scouts and troops. Talk to your troop leaders and watch for more information!

Now Showing at the Planetarium

**Fridays:**

7:00 - Seven Wonders

8:00 - Rock Hall of Fame

**Saturdays and Sundays:**

1:00 - TimeSpace

2:30 - Seven Wonders

**2nd and 4th Tuesdays of the month:**

10:00 AM - A different show each week. Check our [website](#) for the schedule.



Reserve the Planetarium Today!

Host your next event at the planetarium. We're great for birthday parties, weddings, anniversaries and corporate parties, and anything else you can imagine.

Call our Reservations line at:

**817-272-1183**

Hubble Photographs a Perfect Cosmic 10!

After overcoming a glitch that had forced science operations to cease, operators wasted no time in using the Hubble Space Telescope to photograph another stunning cosmic scene.

The new image, released today, shows an [odd pair of galaxies](#) called Arp 147.

In the image, a galaxy at the left looks somewhat like the number "1" and is relatively undisturbed, but for a smooth ring of starlight. It appears nearly edge-on to our line of sight. A galaxy at right, looking like a "zero," exhibits a clumpy, blue ring of intense star formation.

[Mission officials](#) suggested the image is a perfect "10". It shows that the observatory's Wide Field Planetary Camera 2 (WFPC2) is working exactly as it did before going offline.

To read the rest of the article, go [here](#).

For Show Times and Events call  
the Show Line at:

## Distant Spacecraft Scans Earth for Signs of Life

**817-272-0123**

A new study is underway to search for signs of habitability...on Earth.

If that sounds like the ultimate waste of science funding, take a closer look. The project is designed to scan Earth from a distance and note the evidence for habitability, so that we can better detect that evidence on distant worlds. In essence, if we want to find life on alien planets, we have to study a planet [known to host life](#) to determine what clues to look for, scientists say.

The researchers are using the European Space Agency's [Venus Express satellite](#), in orbit around our neighbor planet, to study Earth from afar, where it appears smaller than a pixel in the spacecraft's cameras, with no surface details visible.

"We have initiated the first sustained program of Earth observation from a distant platform," said David Grinspoon, a Venus Express interdisciplinary scientist from the Denver Museum of Nature & Science in Colorado. "We want to know what we can discern about the Earth's habitability based on such observations. Whatever we can learn about Earth, we can then apply to the study of other worlds."

Read the rest of the article [here](#).