



The Starry Messenger

THE BIGGEST & BEST IN THE METROPLEX!

New December Schedule!



The Planetarium has added two new shows for the holidays! Bring in a can of food for each ticket and we will give you \$1.00 off each ticket through the holidays. Check our

[website](#) for the complete schedule.

Ice Worlds allows audiences to see the effect of ice in our own ecosystem, and travel to distant worlds to see how ice shapes the landscape and natural systems there.



Season of Light gives the audience a chance to discover winter solstice traditions of the Celtic, Nordic, Irish, Mexican, Hopi, Christian and Jewish. Learn some astronomical possibilities for the Christmas Star.

Now Showing at the Planetarium!

Happy New Year!

Ring in the New Year at the Planetarium!



Join us at the Planetarium on New Year's Eve for a night of food, fun and two amazing music shows! If the weather is good join us afterwards as

we look at the night sky through our telescopes! Tickets are \$30 for single, \$50 for a couple. Must be 21 to celebrate.

Sounds of the Underground is an entertainment music show set to the styles of techno, dance, club, and rave styles. A unique variety of artistic 3-D animations make this the perfect experience for music club enthusiasts and anyone who likes a dancing experience for the eyes.



Holiday Music Magic features a variety of holiday songs from Mannheim Steamroller and Burl Ives to Brenda Lee and Kurt Bestor. The soundtrack is visually choreographed with 3-D artistic animation, real-time performance elements, and all-dome scenery.

Give the Planetarium this Holiday!

Become a Member



Membership at the Planetarium helps us to achieve our mission of teaching the wonders of



Wednesdays and Thursdays:

5:00 - Season of Light
6:00 - Ice Worlds

Fridays:

5:00 - Ice Worlds

6:00 - Season of Light
7:00 - Seven Wonders
8:00 - Rock Hall of Fame

Saturdays:

1:00 - Time Space
2:30 - Seven Wonders
4:00 - Ice Worlds
5:00 - Season of Light
6:00 - Rock Hall of Fame

Sundays:

1:00 - Time Space
2:30 - Seven Wonders
4:00 - Season of Light



Hubble Sees Celestial "Snow Globe"



Like a whirl of shiny flakes sparkling in a snow globe, many hundreds of thousands of stars move about in the globular cluster

M13, as Hubble catches an instantaneous glimpse of one of the brightest and best-known globular clusters in the northern sky. This glittering metropolis of stars is easily found in the winter sky in the

the universe. Become a member and receive free tickets to new shows debuting at the planetarium. PLUS, just through the holidays, new members will receive a free planetarium t-shirt. Make the planetarium a gift today! Call us to find out how.

Members receive:

- *Free Star Maps
- *10% discount to the Star Store gift shop
- *FREE tickets 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!

Students Find Planet Outside Our Solar System



Three undergraduate students have discovered a large planet orbiting a fast-rotating star. Extrasolar planet discoveries like

this have become common, but this one is unusual both for who found it and the type of star it orbits.

"It is exciting not just to find a planet, but to find one as unusual as this one; it turns out to be the first planet discovered around

constellation Hercules, and can even be glimpsed with the unaided eye under dark skies.

M13 is home to over 100,000 [stars](#) and located at a distance of 25,000 light-years. These stars are packed so closely together in a ball approximately 150 light-years across that they will spend their entire lives whirling around in the cluster.

Near the core of this cluster, the density of stars is about a hundred times greater than the density in the neighborhood of our sun. These stars are so crowded that they can, at times, slam into each other and even form a new star, called a "[blue straggler](#)."

The brightest reddish stars in the cluster are ancient red giants. These aging stars have expanded to many times their original diameters and cooled. The blue-white stars are the hottest in the cluster.

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

Holiday in the Park!



Buy your tickets for Holiday in the Park at Six Flags over Texas at the planetarium. Tickets are on sale now for \$19.99

including tax.

Tickets are valid from December 12-14 and December 19-21.

Call the Planetarium for more information or to purchase your tickets today!

817-272-1183

a fast-rotating star, and it's also the hottest star found with a planet," said one of the planet's discoverers, Meta de Hoon of Leiden University in The Netherlands.

The other [Leiden-student team members](#) included Remco van der Burg and Francis Vuijsje.

The planet, which is about five times as massive as Jupiter, circles its host star every 2.5 days. It lies at only three percent of the Earth-sun distance from its star, making it very hot and much larger than [many other planets](#).

The host star is about 12,000 degrees Fahrenheit (6,700 degrees Celsius). For comparison, the part of the sun we see reaches temperatures of 10,000 degrees F (5,500 degrees C). The planet is officially tagged as OGLE2-TR-L9b. "But amongst ourselves we call it ReMeFra-1, after Remco, Meta, and myself," Vuijsje said.

Continue reading [here](#).

Reserve the Planetarium Today!



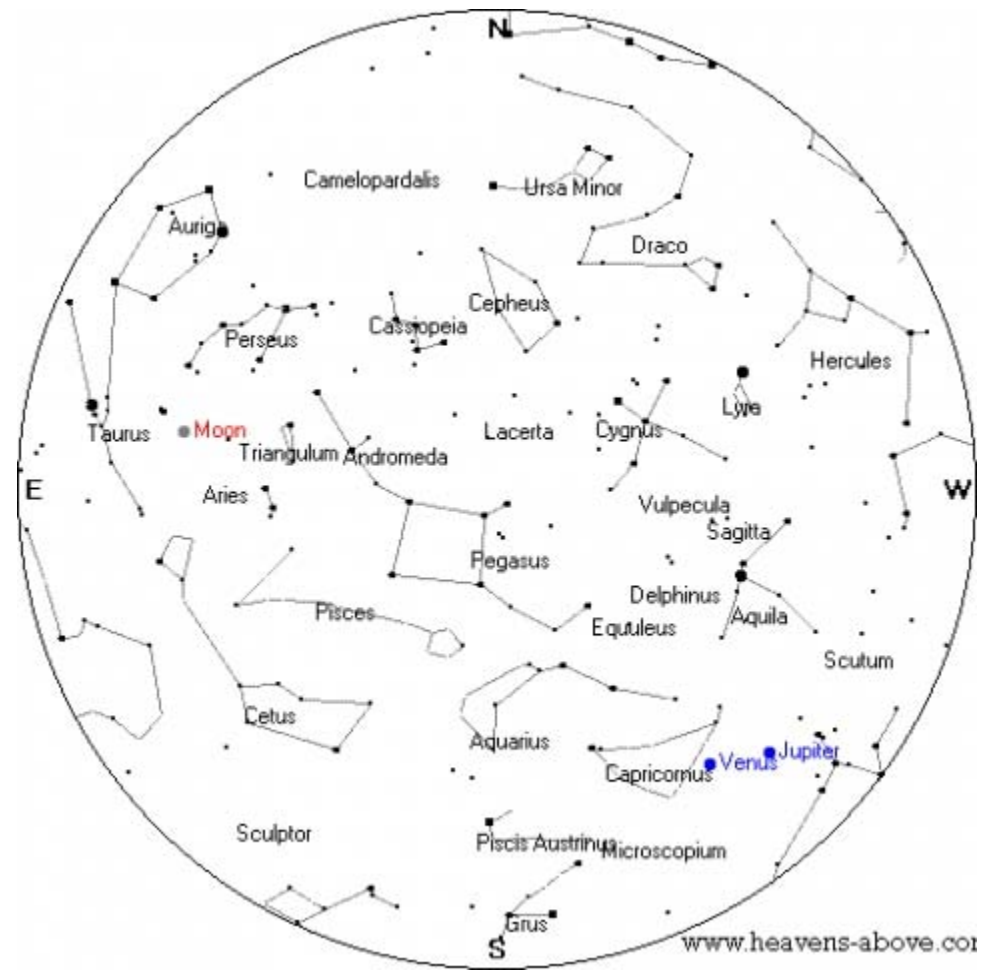
Host your next event at the planetarium. We're great for birthday parties, weddings, anniversaries and corporate parties, and anything else you can imagine.

Call our Reservations line at:

817-272-1183

For Show Times and Events call the Show line at:

817-272-0123



Planetarium at UT Arlington

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