

PHM DVT/Space Museum - Public Show Schedule

January 10, 2024 – May 9, 2024

All shows approximately 45-50 minutes

Regular show ticket price: \$5 Adults, \$3 Senior Citizens/Students/Children

Laser Music Shows & Halloween Laser Shows: All Tickets \$5

All events are posted on Facebook under PHM DVT & Planetarium

Tickets may be purchased at www.phmschools.org under "Community"

THE WINTER NIGHT SKY

January 10 Wednesday 6:30 pm

Would you like to know an easy way to find and identify those winter constellations? Come join us for a live presentation and overview of the current winter night sky, which includes constellations, stars, colors of stars, the Milky Way, planets and more!

EDGE OF DARKNESS & ICE WORLDS

January 17 Wednesday 6:30 pm

Edge of Darkness features amazing scenes of places never before seen, gathered by key space missions that culminated with ground-breaking discoveries in 2015. It features a spectacular flight through the great cliffs on comet 67P, a close look at the fascinating bright "lights" on Ceres, and the first ever close ups of dwarf binary planet Pluto/Charon and its moons.

Narrated by Hayley Atwell, Agent Carter, from the Marvel Cinematic Universe and the ABC television series.

In *Ice Worlds*, we will explore the delicate balance between ice, water and the existence of life, which has been a topic of scientific inquiry for generations. In travels to the Arctic and Antarctic regions of our planet, we'll examine the ecosystems that exist and thrive there and learn how their survival is connected with our own. Beyond Earth, we'll see how the existence of ice shapes the landscape and the natural systems on other planets and moons in our Solar System.

Mesmerica

January 20 Saturday 4:00, 5:15, 6:30, 7:45 pm

Mesmerica is a visual music journey that brings the mesmerizing music of Grammy-nominated composer and percussionist James Hood together with visually-hypnotic, 3D animated art curated from artists around the world, creating an immersive experience designed to transcend time, relax, soothe, and stimulate your mind and senses... "I want 'Mesmerica' to inspire you into taking a journey with me inside the mind, to engage your senses and feelings with a miraculous alchemy of sound and light!" - James Hood, Show Creator. Mesmerica is a WORLDS™ production, presented by Moodswings LLC, Poseidon Music Ltd and Vortex Immersion Media Inc. The PHM DVT/Planetarium serves only as the venue. Tickets can only be purchased online through Mesmerica at <https://link.mesmerica.com/sbnvvp> and must be purchased in advance. Tickets cannot be purchased through Vanco or the PHM DVT/Planetarium. Any questions or concerns should be directed to boxoffice@mesmerica.com.

STAR SIGNS &

January 24 Wednesday 6:30 pm

LEGENDS OF THE NIGHT SKY: ORION

Star Signs includes Zodiac constellation patterns, with mythological tales. *Astrology and the fallacy of astrology* are demonstrated and explained. Also, included are excellent demonstrations of Earth motions like rotation, revolution, and precession, as well as the reasons for the seasons.

Legends of the Night Sky: Orion brings the mythological Orion to life in a fun-filled, animated adventure. Accompanied by narrators Aesop the owl and Socrates the mouse, we follow Orion's adventures as he grows to manhood, battles mythical beasts, foils the plot of an evil king and wins the heart of Artemis, the beautiful moon-goddess. By the end of the story, we learn how the constellation Orion was placed in the sky, forever turning overhead throughout the seasons.

Mesmerica

January 27 Saturday 4:00, 5:15, 6:30, 7:45 pm

(see above)

SUNSTRUCK & SECRETS OF THE SUN

January 31 Wednesday 6:30 pm

In *Sunstruck*, discover the wonders of our sun. Its incredible energy has supported life on earth for millennia, but is now threatening our technology and way of life. Travel to the distant future to discover our sun's connection to the universe's cosmic cycle of life and death. *Secrets of the Sun* is an intimate look at the role the Sun plays in the life of our solar system. From the nuclear forces churning at the heart of the Sun to the mass ejections of solar material into surrounding space, we experience the power of the Sun and its impact on the planets and ultimately life on Earth. We trace the Sun's life cycle, going back to its beginnings and moving forward in time to its eventual death.

ECLIPSES & PHASES OF THE MOON (FREE!)

February 8 Thursday 6:30pm

Do you know where you will be two months from now on April 8th? Are you ready for the April 8th, 2024 Total Solar Eclipse? Come find out about eclipses, phases of the Moon, and what you can expect in our area as well as within totality!

EXPERIENCE THE AURORA

February 13 Tuesday 6:30 pm

February 14 Wednesday 6:30 pm

Come see the "sweetest" skies in the world! Over seven months in the Arctic Circle, crews captured timelapse images of the Aurora Borealis with high resolution digital SLR cameras outfitted with fisheye lenses. The results are spectacular. For the first time, the aurora has been captured as it was meant to be experienced, as a display that covers the entire sky. This immersive show shares the science behind the aurora and tells the story of our quest to find and photograph the aurora for wraparound display in fulldome theaters. Winner of 2 Telly Awards.

LASER METALLICA

February 23 Friday 6:30 pm

For Whom the Bell Tolls, Ain't My B***h, Fuel, One, Nothing Else Matters, Master of Puppets, Unforgiven II, Sad But True, Enter Sandman

LASER ZEPPELIN

February 23 Friday 8:00 pm

Song Remains the Same, Over the Hills and Far Away, Good Times, Bad Times, Immigrant Song, No Quarter, Black Dog, Livin', Lovin' Maid, Kashmir, Stairway to Heaven, Whole Lotta Love, Rock -n- Roll

LASER QUEEN

February 24 Saturday 6:30 pm

We Will Rock You/We Are The Champions, Bicycle Race, Don't Stop Me Now, Another One Bites The Dust, I Want To Break Free, Under Pressure, Killer Queen, Bohemian Rhapsody, Radio Gaga, Princes Of The Universe, The Show Must Go On

LASER TRIBUTE

February 24 Saturday 8:00 pm

Michael Jackson - Beat It, Jimi Hendrix - Purple Haze, Ronnie James Dio - Neon Knights, Elvis Presley - Jailhouse Rock, Johnny Cash - Ring of Fire, Freddy Mercury - Bohemian Rhapsody, John Lennon - Imagine, David Bowie - Space Oddity, Whitney Houston - I Wanna Dance, Jim Morrison - Break On Through, Prince - Let's Go Crazy

EARTHQUAKE: A RESTLESS EARTH & DYNAMIC EARTH

February 28 Wednesday 6:30 pm

Earthquake combines geology, plate tectonics, and Earth history into a sweeping geological journey exploring the forces that transform the surface of our planet. Fly along the San Andreas Fault before diving into the planet's interior. Journey back in time to witness the 1906 San Francisco earthquake, and the break-up of Pangaea 200 million years ago, as well as the sites of historical earthquakes from the Mediterranean Sea to the Pacific Ocean. Data-driven visualizations illustrate Earth's story, revealing how subtle motions and sudden ruptures have shaped our planet over eons, and how geological activity influences the course of human history. Learn how scientists and engineers collaborate to help society create a safer environment — and a safer future.

The award-winning *Dynamic Earth* explores the inner workings of Earth's great life support system: the global climate. With visualizations based on satellite monitoring data and advanced supercomputer simulations, this cutting-edge production follows a trail of energy that flows from the Sun into the interlocking systems that shape our climate: the atmosphere, oceans, and the biosphere. Audiences will ride along on swirling ocean and wind currents, dive into the heart of a monster hurricane, come face-to-face with sharks and gigantic whales, and fly into roiling volcanoes.

LASER BEATLES & LASER POP**March 8 Friday 6:30 pm**

Magical Mystery Tour, I Wanna Hold Your Hand, Twist & Shout, A Hard Day's Night, Nowhere Man, Help!, Yesterday, Octopus' Garden, Sgt. Pepper's Lonely Hearts Club Band / A Day in the Life. 'NSync - Pop, Pink - Get This Party Started, The Beatles Medley, Smash Mouth - I'm A Believer, Sting - Desert Rose, The Beach Boys Medley, The B52's - Cosmic Thing, 'NSync - Digital Get Down, 3 Doors Down - Kryptonite

LASER ROCKETMAN**March 8 Friday 8:00 pm**

Saturday Night, Crocodile Rock, I'm Still Standing, Goodbye Yellow Brick Road, Your Song, Philadelphia Freedom, Rocket Man, Bennie and the Jets, Candle in the Wind, Honky Cat, Pinball Wizard

LASER DAVID BOWIE (NEW SHOW!)**March 9 Saturday 6:30 pm**

Space Oddity, Changes, Ashes To Ashes, Blue Jean, Rebel Rebel, Life On Mars, Modern Love, Fame, Let's Dance, Fashion, Ziggy Stardust, and Suffragette City

LASER GRATEFUL DEAD**March 9 Saturday 8:00 pm**

Touch of Grey, Fire on the Mountain, Trickin', Friend of the Devil, Sugar Magnolia, Drums/Space, Uncle John's Band, Me and My Uncle, Scarlet Begonias, Ripple, One More Saturday Night

LASER RUSH 2112**March 15 Friday 6:30 pm**

"2112": Overture, The Temples of Syrinx, Discovery, Presentation, Oracle: The Dream, Soliloquy, Grand Finale; A Passage to Bangkok; The Twilight Zone; Lessons; Tears; Something for Nothing

LASER GENESIS**March 15 Friday 8:00 pm**

Turn It On Again, Invisible Touch, Sledgehammer, Tonight Tonight Tonight, Land of Confusion, Mama, Sussudio, Follow You Follow Me, In The Air Tonight, Abacab

LASER PINK FLOYD "DARK SIDE..."**March 16 Saturday 6:30 pm**

Speak to Me, Breathe, On the Run, Time, The Great Gig in the Sky, Money, Us and Them, Any Colour You Like, Brain Damage, Eclipse

LASER PINK FLOYD "THE WALL"**March 16 Saturday 8:00 pm**

In the Flesh, The Thin Ice, Another Brick in the Wall (Part I), The Happiest Days of our Lives, Another Brick in the Wall (part II), Mother, Goodbye Blue Sky, Empty Spaces, Young Lust, Another Brick in the Wall (Part III), Hey You, Comfortably Numb, Stop, The Trial, Run Like Hell

**SEVEN WONDERS OF THE UNIVERSE &
SPRING NIGHT SKY****March 20 Wednesday 6:30 pm**

Turn back the pages of time and witness the ancient wonders of the world as they appeared thousands of years ago. Explore the great pyramid, stand in the shadow of the towering Colossus and experience the rest of the world's Seven Wonders. We will investigate the theories of how these wonders were created, and get a glimpse of some of the universe's greatest wonders. Also, come join us for a live presentation and brief overview of the current night sky, which includes constellations, stars, the Milky Way, and the planets. Come see what you can look forward to in the sky this spring!

FORCES OF NATURE**March 26 Tuesday 6:30 pm**

Come close to nature's most powerful and extreme forces. Cameras capture massive volcanoes, earthquakes, and storms as a team of scientists travel the world in an attempt to figure out what causes these dangerous, yet undeniably thrilling natural occurrences. Putting their lives on the line in the name of scientific discovery, the experts forge their way into erupting pits, through volcanic flows, along fault lines, and straight towards tornados' eyes. Narrated by Kevin Bacon.

SPACEPARK 360**April 11 Thursday 6:30 pm**

SpacePark 360 is a show that takes audiences on wild immersive rides through the Solar System while recreating the experience of amusement park thrill rides—roller coasters, pendulums, inverters and more. From the tops of Jupiter's clouds to the icy depths of Neptune's moon Triton, each location serves to heighten the thrilling experience.

SECRET LIVES OF THE STARS

& SUNSTRUCK

April 16

Tuesday

6:30 pm

Secret Lives of the Stars shows us not all stars are created equal. Some are massive. Others are tiny; almost insignificant. The specific characteristics of a star will determine what type of life it will lead, how long it might live and even the type of death it will die. We will witness the amazing variety of stars and peer into their secret lives. Narrated by Sir Patrick Stewart of TV's *Star Trek: The Next Generation* and the *X-Men* films.

In *Sunstruck*, discover the wonders of our sun. Its incredible energy has supported life on earth for millennia, but is now threatening our technology and way of life. Travel to the distant future to discover our sun's connection to the universe's cosmic cycle of life and death.

WONDERS OF THE UNIVERSE &

POWERS OF 10

April 23

Tuesday

6:30 pm

Wonders of the Universe allows you to peer deep into space through the eyes of the orbiting Hubble Space Telescope and travel back billions of years in time to witness the birth of the universe. On this breathtaking excursion you'll witness the formation of galaxies and explore some of the most wondrous nebulae and astronomical structures yet discovered. As your travels continue, you'll fly deep into our own Milky Way galaxy and return home to Earth on a spectacular tour through the solar system. *Powers of 10* will give you a sense of the size of our Solar System, Galaxy and Universe.

COSMIC ADVENTURE

May 2

Thursday

6:30 pm

In *Cosmic Adventure*, go on an all-ages roller coaster ride from the moon through the universe, our galaxy and our solar system. This high speed adventure will immerse you in some of the most amazing sites in the universe. It will be a ride you will want to take again and again.

SUMMER NIGHT SKY

May 9

Thursday

6:30 pm

The summer brings us warm nights perfect for relaxing under the stars! So come join us for a live presentation and overview of what you'll find in the summer night sky, including constellations, bright stars, colors of stars, the Milky Way, planet locations, meteor showers and more!

PHM DVT Laser Shows, February & March 2024

Come and join us for a professional-quality laser music show, featuring intricate patterns and characters and a (water-vapor) haze machine. **All tickets are \$5**, and are available online at phmschools.org (Select "Community" and then "DVT & Planetarium") or at the door 30 minutes before show start time.

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