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The Planetarium at UT Arlington



The Planetarium offers live stargazing and prerecorded programs to the public, school groups, and UT Arlington students all year round.

Using state-of-the-art technology and a 60-ft. dome screen, the Planetarium is an immersive space theater facility with endless capabilities.

Public show pricing

Adults	\$6.00
Seniors	\$4.00
Children	\$4.00
Students	\$4.00
UTA Students	\$3.00
Children 0-2	Free

Contact Us

700 Planetarium Place

Summer Schedule



Join us this summer as we bring back our most popular public shows – *Texas Stargazing* and *Stars of the Pharaohs*. Bring your little ones to *One World, One Sky* and *Cosmic Colors*. We have something for everyone! Our summer schedule will run from May 26 through August 23.

Tuesdays

- 2:00 – Texas Stargazing
- 3:30 – Spacepark 360: Infinity

Wednesdays

- 2:00 – Dynamic Earth
- 3:30 – Spacepark 360: Infinity

Thursdays

- 2:00 – One World, One Sky: Big Bird's Adventure
- 3:30 – Spacepark 360: Infinity

Fridays

- 2:00 – Stars of the Pharaohs
- 3:30 – Spacepark 360: Infinity

Saturdays

- 1:00 – One World, One Sky: Big Bird's Adventure
- 2:30 – Cosmic Colors
- 5:30 – Stars of the Pharaohs
- 7:00 – Pink Floyd

Sundays

- 1:30 – Secret of the Cardboard Rocket
- 3:00 – Spacepark 360: Infinity

Arlington, TX 76019

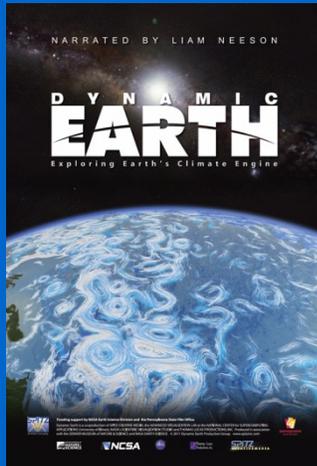
817-272 1183

planetarium@uta.edu

<http://www.utaplanetarium.com>

Featured Public Show

Dynamic Earth



Explore the inner workings of Earth's climate engine 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.

[Plays for public:](#)

Fridays 6:00PM

Saturdays 5:30PM

2015 MOONBOTS Challenge



Calling all explorers, adventurers and dreamers! The Google Lunar XPRIZE is excited to announce the 2015 MOONBOTS challenge. The 2015 MOONBOTS Challenge is an international online competition that challenges youth from 8 to 17 years old to form a team (2-4 members) to design, create and program their own robots.

The competition is divided into two phases. In Phase One, teams [create a user account](#) and submit a short video or written story about what inspires them about the Moon, from old tales to the potential of lunar exploration. Thirty teams will be selected by a panel of experts to move on to the next stage: Phase Two. In Phase Two, teams will receive a robotics kit of their choice: LEGO® MINDSTORMS® EV3, VEX IQ Superkit or MECCANO Meccanoid G15 KS to create their own robot to rove on a simulated lunar landscape based on the story the team created in Phase One of the competition. Teams will also be asked to create and upload a video showing how they have demonstrated their MOONBOTS game to children and adults in their community.

Three Grand PRIZE winners will land a once-in-a-lifetime trip to Japan to meet with teams from all over the world competing in the Google Lunar XPRIZE. The MOONBOTS teams will learn how these Google Lunar XPRIZE teams are planning to reach the Moon with their innovative robotic technology.

[Read More >>](#)

Source: <http://www.moonbots.org/>

Doomed Russian Spacecraft About To Fall



An unpiloted Russian re-supply ship – carrying 6,000 pounds of food, fuel, and supplies for the International Space Station – was declared lost when, shortly after its April 28 launch, it began spinning out of control. This craft will soon re-enter Earth's

atmosphere; current predictions suggest re-entry on the evening of May 7, according to U.S. clocks (morning of May 8 for Asia). It is likely to produce a bright meteor – or fiery streak – across Earth's sky. Where will it fall, and who will see it? No one knows for sure, but the re-entry predictions are getting narrower. [Look below for information on what observers might see when the spacecraft re-enters.](#)

The reentry will not be controlled, which means its exact time and location is unknown. Scientists that predict the reentry of orbital objects like this one – damaged satellites and other space debris – have calculated that the Progress 59 may reenter around May 8. The uncertainty of predictions was +/- 24 hours, but this uncertainty is narrowing.

Because over 70% of the surface of Earth is covered by water, there is a high probability that the Progress 59P, also known as Progress M-27M, will re-enter over an ocean. But the spacecraft's orbital inclination also causes it to pass over land areas, so this may slightly increase the chance of re-entry over populated areas. The European Space Agency (ESA), which is in close contact with Russian and U.S. authorities regarding the Progress M-27M / 59P mission situation, [said on April 30](#):

"In an uncontrolled reentry, the vessel in principle could re-enter over any point of land or sea between approximately 51 deg N and 51 deg S latitudes, corresponding to its current orbit.

... We cannot exclude the chance that some portion of (Progress 59) structure, for example the heavy docking mechanism or tanks and thrusters, could survive re-entry to reach the surface."

However, according to ESA, disintegration over the oceans is still the most likely scenario.

[Track Progress 59 prior to re-entry here.](#)

[Read More>>](#)

Source: <http://earthsky.org/space/doomed-russian-spacecraft-to-fall-from-space>