

SATURDAY SEPT. 23 WASHINGTON COUNTY AREA

SOLAR PARTY

The Saint George Astronomy Group will host a solar viewing event. Look at our nearest star and enjoy family oriented crafts and activities. ★ 1-4 pm @ St. George Children's Museum (86 S. Main St. St. George, UT)

LIGHTING UP THE NIGHT

Harun Mehmedinovic from the International Dark Sky Association, speaks about the history of human observation of stars, the origins and rise of light pollution, and the dark-sky movement. ★ 6 pm @ Public Lands Office (345 E Riverside Dr. St. George, UT)

NIGHT SKY PHOTOGRAPHY WORKSHOP

Alex Chamberlain explains how to plan for, properly expose, and artistically shoot the moon, milky way, and nightscape photos. Indoor presentation with an outdoor workshop at the Beaver Dam Wash Conservation Area. ★ 7 pm @ Public Lands Office (345 E Riverside Dr. St. George, UT)

DARK SKY DROP IN

Come by for views of stars, planets, constellations, and deep sky objects. ★ 8:30 pm @ Zion Nature Center (Off UT-9, Zion National Park, UT)

SATURDAY SEPT. 23 PIPE SPRING NM, ARIZONA

SOLAR PARTY

Come look at our sun through a specially-filtered solar telescope and hear Paiute perspectives on the sun. ★ 1-4 pm (Arizona Time) @ Pipe Spring National Monument Visitor Center (406 N. Pipe Spring Rd, Fredonia, AZ)

STAR PARTY

The Kaibab Paiute band are teaming up with the Pipe Spring rangers to bring you a star party that not only has telescope viewings, but also includes stories of the stars and constellations. ★ 7 pm (Arizona Time) @ Kaibab Paiute Campground (1 Pipe Spring Rd, Fredonia, AZ)

ONGOING EVENTS

REACH FOR THE STARS

A display of photographs taken by probes from around the world, showing the stellar lifespan of stars the way we see them: As nebulae, stars, and supernovae. A combination of photography and astronomy. ★ September 1, 2017 – October 1, 2017 @ Cedar Main Library (303 N. 100 W. Cedar City, UT)

CITIZEN SCIENCE PROJECT

Community members of Southern Utah and Nevada are encouraged to use cell phone apps to take measurements of night sky quality at festival events. Data will be compiled to make a "dark sky map" of the Southwest area. To join this group, you must download the 'Loss of the Night' app on your phone. ★ September 20, 2017 – October 1, 2017, Any event location, Utah, Arizona, and Nevada.

TELESCOPE LENDING PROGRAM

Cedar Breaks debuts its telescope lending library in partnership with local libraries. Now anyone with a library card can check out a telescope! Find telescopes in:

- ★ Parowan
- ★ Cedar City
- ★ St. George
- ★ Hurricane
- ★ Springdale

THESE EVENTS ARE MADE POSSIBLE BY:

SPONSORING ORGANIZATIONS:

Cedar Breaks
National Monument
Leesa Ricci, Festival Coordinator,
Leesa_Ricci@nps.gov

Grand Canyon-Parashant National Monument
Amber Franklin, Festival Coordinator
for Washington County
amber_franklin@nps.gov

PARTNERS:



- ★ Southern Utah Space Foundation
- ★ Saint George Astronomy Group

PARTICIPATING ORGANIZATIONS:

- ★ Artisans Art Gallery
- ★ Ashcroft Observatory
- ★ Beaver Dam Wash National Conservation Area
- ★ Bureau of Land Management
- ★ Cedar Canyon Nature Park
- ★ Cedar City Main Library
- ★ Dixie State Univ. Community & Continuing Ed.
- ★ Great Basin Observatory
- ★ International Dark-Sky Association
- ★ Ivins Unity Park
- ★ Kaibab Paiute Tribe
- ★ North Elementary STEM School
- ★ Pipe Spring National Monument
- ★ Red Cliffs National Conservation Area
- ★ Red Cliffs Desert Reserve
- ★ Sarah Young and her company,
Come for the Sun, Stay for the Stars
- ★ Southern Utah Museum of Art
- ★ Southern Utah University
- ★ Springdale Canyon Community Center
- ★ St. George Children's Museum
- ★ Zion National Park

1ST ANNUAL SOUTHWEST ASTRONOMY FESTIVAL



SEPTEMBER 22-23

VARIOUS TIMES & LOCATIONS

BROUGHT TO YOU BY:



CEDAR BREAKS
NATIONAL MONUMENT &
GRAND CANYON-PARASHANT
NATIONAL MONUMENT

FRIDAY SEPT. 22 IRON COUNTY AREA

ART FUSION

Join us at the Southern Utah Museum of Art (SUMA) for a hands-on art project about the night sky. SUMA family art nights focus on visual arts, theatre, and dance. The evenings are for families to visit SUMA and participate in free artistic activities. ★ 6-7 pm @ SUMA (13 S. 300 W. Cedar City, UT)

ASTRONOMY EXTRAVAGANZA

A family-friendly event with lots of hands-on activities at North Elementary's STEM Center. Learn about the sun, stars, planets, and solar systems beyond our own. Climb inside SUU's Ashcroft Observatory planetarium and explore the night sky. ★ 6-8 pm @ North Elementary (550 W 200 N Cedar City, UT)

SAVE THE NIGHT WALKING TOUR

How can you save the beautiful night skies of Southern Utah? Join a park ranger for a walking tour to look at examples of dark-sky friendly lighting." Meet in parking lot at North Elementary. ★ 8-9 pm @ North Elementary (550 W 200 N Cedar City, UT)

STAR PARTY

Right after the Astronomy Extravaganza, we will have a star party and constellation tour. Come see the stars, planets, and amazing deep sky objects through telescopes! ★ 8:30-10:30 pm @ North Elementary (550 W 200 N Cedar City, UT)

FRIDAY SEPT. 22 WASHINGTON COUNTY AREA

ANIMALS UNDER THE STARS

Join us for kids activities that teach about nocturnal animals and animal constellations. ★ 10 am - 5 pm @ Red Cliffs Reserve Visitors Center (10 N. 100 E. St. George, UT)

BENEATH THE SURFACE

Sarah Young and her company, Come for the Sun, Stay for the Stars, presents Alex Chamberlain who will share his experiences photographing the night sky, through a multimedia presentation and a dazzling art exhibit. To purchase tickets visit: ce.dixie.edu or call (435) 652-7675. ★ 6 pm @ Eccles Fine Arts Center, Concert Hall (225 South University Avenue St. George, UT)

DESERT DISCOVERIES AFTER DARK

Join a BLM park ranger on a quiet hike to discover the hidden world after sundown, engaging your senses to explore the desert as it comes alive at dusk. Easy to moderate hike, 1-3 miles, ages 10+. 15 participants max. Pre-registration required. Please call Melissa at: 435-688-3283 or 435-359-3477 to register. ★ 7:30-9:30 pm @ Red Cliffs National Conservation Area (345 E. Riverside Dr. St. George, UT)

STAR PARTY

The Saint George Astronomy Group will be hosting a star party starting at dusk at Unity Park. Come look through some amazing scopes at stars, nebulae, planets, and more! ★ 8-11 pm @ Unity Park (200 W. 400 S. Ivins, UT)

ZION DARK SKY PROGRAM

Join a Ranger for an evening program about astronomy, dark skies, and stars! ★ 8:30 pm @ Zion Lodge Auditorium (1 Zion Canyon Dr. Springdale, UT)

STAR PARTY

A family friendly event. Come see the stars and planets through our telescopes! ★ 8:30-10:30 pm @ Canyon Community Center (126 Lion Blvd. Springdale, UT)

SATURDAY SEPT. 23 IRON COUNTY AREA

INFLATABLE PLANETARIUM

Climb inside SUU's inflatable planetarium and get close and personal with the stars! ★ 10-11 pm @ Cedar Main Library (303 N. 100 W. Cedar City, UT)

ASTRONOMY TALKS & WORKSHOPS

★ 10 am - 5 pm @ Cedar Main Library (303 N. 100 W. Cedar City, UT)

SCHEDULE:

10 am: The Effects of Space Travel on the Human Body with Dr. Ali Siahpush.
11 am: Laws of the Last Frontier: Space Law and Policies, a series of mini-debates with Dr. Angela Pool-Funai.
1 pm: Asteroids, Dinosaurs, and You! With Zachary Schierl.
2 pm: How to Start a Little Free Library on SPAAAAAAACE with Leesa Ricci.
3 pm: History of Astronomy in 60 Minutes or Less with Kaleb Smith.
4 pm: Preserving the Night Sky with Dr. Jackie Grant.

MIGHT AS WELL BE WALKING ON THE SUN

Come stare at the sun with us! We will have solar telescopes set up next to the Main

Library. Get an up close and personal view of the sun – as long as it's active that day (and there are no clouds) we'll see sunspots and solar prominences! ★ 1-4 pm @ Cedar Main Library (303 N. 100 W. Cedar City, UT)

ASTROGEEK NETWORKING

Hob nob with astro-nerds, artists, astrophotographers, and astronomy enthusiasts. Everyone welcome! ★ 6-8 pm @ Artisans Art Gallery (94 W. Center St. Cedar City, UT)

NIGHT SKY PHOTOGRAPHY WORKSHOP

Learn the ins and outs of night sky photography with professional photographer Mike Saemisch. Seating limited, please RSVP to leesa_ricci@nps.gov. ★ 7:30-10 pm @ Cedar Breaks National Monument (Ranger Station)

STAR PARTY

Join the Cedar Breaks dark sky team to see a stunning sky in a stunning location. Located 20 miles outside of Cedar City, this is a wonderful dark place to view the night sky. ★ 8-11 pm @ Cedar Breaks National Monument (Point Supreme)

STAR PARTY

Join the Ashcroft Observatory team at this historic observatory to view the night sky. Located just 4 miles out of town, this observatory is close to the city and offers an accessible viewing area. ★ 8-10 pm @ Ashcroft Observatory (745 Hillcrest Dr. Cedar City, UT)

STAR PARTY

Immediately following the Astrogeek Networking, SUSF will continue the party by going a little way up the canyon and busting out the telescopes! Only a few miles outside of town, this is a nice dark place not too far from civilization. ★ 9-11 pm @ Cedar Canyon Nature Park (1310 E. UT-14, Cedar City, UT)