



# Astronomy Club of Akron

## 2023 Activity Schedule

*View Celestial Objects through the area's Largest Amateur Club Telescope*

5031 Manchester Road, Akron, OH    [www.acao.org](http://www.acao.org)

Astronomy Club of Akron has been a distinguished northeast Ohio organization since 1949. The objective of the ACA is to promote the education of the public in the area of astronomy and related sciences through our public star parties and membership meetings.

### **STAR PARTIES:** Portage Lakes State Park Observatory featuring a computerized 16 inch telescope

- Please join us for stargazing and educational activities. Our Star Parties are free and open to the public. Please arrive on time to avoid headlight distraction.
- For notice of “impromptu star parties”, send e-mail to [ACAstarparty@att.net](mailto:ACAstarparty@att.net) to request e-mail notification of our observing sessions.
- Events will be cancelled if skies are cloudy. Always check website for star party status two hours before event.
- This is an outdoor activity in an unheated environment. Nighttime temperatures drop rapidly, even during summer. A general rule of thumb is to dress for 15 degrees cooler than predicted nighttime low temperature.
- Please, **No Smoking** on observatory grounds. Smoke reacts with optical surfaces, damaging optical coatings.
- Please, no use of cell phones or tablets in observatory (to preserve night vision).

### **Membership Meetings:** Free and open to the public featuring professional speakers

#### **Meeting Place: Kiwanis Building**

#### **2023 Schedule:**

**September 17, 2023 2pm**

#### **Fission Surface Power for the Moon and Mars**

Lindsay Kaldon is the Fission Surface Power Project Manager at NASA's Glenn Research Center in Cleveland, Ohio. She has over 10 years working as a Department of Defense engineer on unmanned intelligence aircraft for both the Navy and the Air Force. She began her professional career as an Air Force electronic warfare officer on the high-altitude U-2 and Global Hawk aircraft. Lindsay has a Bachelor's degree in Electrical Engineering from the University of Evansville, a professional degree in Systems Engineering from the Naval Postgraduate School, and a Master's degree in Nuclear Engineering from Penn State where her research focused on radioisotope power and nuclear propulsion systems. In her spare time, she enjoys flying; she has a Private Pilot's license with Instrument rating.

**October 14, 2023 2pm**

#### **What Can We Expect When We Find Life On Other Planets?**

Professor Don Terndrup joined the Ohio State faculty in 1990. He is an observational astronomer focused on the characterization of stars and stellar systems, with an emphasis on their abundances and rotation rates. He is known for his work on the structure and stellar population of the Galactic bulge, the angular momentum of low-mass stars, the distances to open clusters, and the structure of spiral galaxies. His recent work focuses on the physics of quasar winds and their impact on galaxy evolution. From 2008 to 2012 he served as the Program Director in the Division of Astronomical Sciences at the National Science Foundation. Currently he is serving as the co-Chair of Graduate Admissions for the Department of Astronomy.

**November 19, 2023**

#### **The Big One (April 8, 2024 Total Solar Eclipse, Part II)**

Phillip Creed is a design engineer at Profile Plastics, Inc., Canton, Ohio. Phillip excels in CAD design of profile extrusion dies and downstream calibration tooling. He has a Bachelor's degree in Chemical Engineering from The University of Akron. Phillip enjoys visual observing and astrophotography. Some of his astrophotography work can be viewed on ACA's Facebook Page. Phillip is a regular guest speaker at our telescope seminars and he has given several presentations at our membership meetings speaking on such topics as eyepiece design, telescope designs, and the 2017 total solar eclipse.

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\*\*\* We hold unscheduled star parties when skies are clear. For an e-mail notification of impromptu star parties send a message to [ACAstarparty@att.net](mailto:ACAstarparty@att.net) to be added to the list. For private star parties (Boy Scouts, Girl Scouts, Church Groups, School Groups, etc.) send a request to the same e-mail address.