



# Astronomy Club of Akron

## 2025 Autumn 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 public lecture 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).

*Public Lecture Meetings:* Free and open to the public featuring professional speakers

*Meeting Place:* Portage Lakes Kiwanis Civic Center  
725 Portage Lakes Drive      Akron, OH

### *2025 Autumn Schedule:*

**September 21, 2025 2:00pm**

**Jeffrey Woytach, Space Systems Consulting, LLC**

#### **NASA OSIRIS-Rex and DART Missions**

This presentation covers two NASA missions. OSIRIS-REx is an asteroid sample return to Earth endeavor and DART investigates the possibility of deflecting an asteroid by a kinetic impactor. Jeffrey Woytach will explain how these missions were executed and the successes of each mission.

**October 19, 2025 2:00pm**

**Dr. Jay Reynolds, Cleveland State University**

#### **Hertzsprung Russell Diagram**

Stars are born, live their lives, and experience death. Dr. Jay Reynolds will explain how data represented on the Hertzsprung Russell Diagram tells us about the lives of stars and what star properties we can learn based on the star's location on the H-R Diagram.

**November 16, 2025 2:00pm**

**Dr. Robert Harmon, Ohio Wesleyan University**

#### **Solar Physics and Starspots**

Dr. Robert Harmon is a theoretical physicist and observational astronomer. He uses the OWU Perkins Observatory telescope to conduct his research on starspots. Dr. Harmon's talk will cover some of his research on starspots and discuss the mechanisms of solar physics.

\*\*\* 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.