



The Night Sky

The Newsletter of
The Astronomy Club of Akron

www.acaoh.org

Volume 48 Number 3

March 2026

ACA MEETING - Sunday, March 15th, 2026 at 2:00 PM

Member Photo

By Ron Kalinoski

Astronomy Club of Akron hosted a doubleheader star party on the evenings of February 26th and February 27th. Included in our telescope lineup was our 5-inch refractor featuring our latest upgrade to the telescope, a TeleVue 12mm Delos eyepiece. This eyepiece was recommended by Phil Creed, our eyepiece expert. Fitted to our 5-inch telescope, the eyepiece delivers 125 power magnification, 20mm eye relief, and 72 degree apparent field of view. The huge eye lens provides easy and comfortable viewing. Our first celestial object viewed with the new eyepiece was the lunar crater Moretus, named after the 17th century Flemish mathematician and geometer Theodorus Moretus. The crater has a terraced inner wall and large central peak that rises 2 kilometers above the crater floor. Next, Niladri pointed the 5-inch telescope at the planet Jupiter, and we saw stunning detail of Jupiter's belts and zones. To add to the excitement, Jupiter's moon Europa was transiting the planet, casting its shadow on the disk of Jupiter. We were able to view the entire event. Europa was exiting Jupiter's disk towards the end of the star party with its shadow still visible on Jupiter's disk.



President's Column

By Cathy Loboda

Upcoming ACA Meetings

Mark Your Calendars

Below are the remaining ACA meetings before our summer break. Please mark your calendars and plan to attend. Hope to see you there!

March 15, 2026 2:00pm Dr. Patrick Durrell, Youngstown State University

Black Holes, Big & Small

Dr. Durrell is a professor of Physics, Astronomy & Geology at Youngstown State University. He has used the Hubble Space Telescope to research galaxies and globular star clusters.

April 19, 2026 2:00pm Dr. Cyrus Taylor, Case Western University

Global Warming

Dr. Taylor, a String Theorist and Particle Accelerator Scientist, has now decided to take on an even more challenging role. Dr. Taylor will explain how emissions into our atmosphere impact planet Earth.

May 17, 2026 2:00pm Jeff Woytach, Space Systems Consulting, LLC

James Webb Telescope: Looking Back to the Edge of Creation

Jeff Woytach will explain the complexities of the James Webb Telescope and how it is being used to discover history of the earliest times after the creation of the universe.

Meeting Minutes: February 15th, 2026

By Carol Spears

Meeting called to order by President Cathy Loboda: 3:10 PM

Officers' Reports

Vice President report by Gary Smith: Reminded that the Artemis II mission is scheduled to launch in March to do a flyby of the moon.

Secretary Report by Carol Spears: Secretary minutes are presented to members via the Night Sky Newsletter. No additions or corrections.

Treasurer Report by Dave Hartsook: Treasurer reports are presented to members via The Night Sky Newsletter. No additions or corrections to the December and January reports.

Old Business:

* The social at Galaxy Restaurant in a private room went very well, thank you to everyone who attended.

New Business:

- Elections will take place in April. In March the slate will be presented to members at the member only meeting. The 2-year terms will begin in May.
- Thanks to the ACA for sponsoring the refreshments for the February meeting, and to Ron Kalinoski for making the purchases.

Observatory Director Report by Ron Kalinoski:

- Star party was held Friday Feb 13. Able to see Saturn, and an eclipse on Jupiter. Clouds moved in earlier than expected which affected viewing.

Member Observations:

- Glenn Cameron reminded the members that if they would like to write anything for the newsletter to send it to him.
- March 3 is the lunar eclipse at 6:30 a.m. March 5 is the ISS transit over the moon. 6:11 a.m. To observe locally go to I71 and Route 30.

Member Inquiries:

- No member inquiries.

Meeting adjourned by Cathy Loboda: 3:20 PM

The Astronomy Club of Akron Welcomes New Member

Michael Huryn

We look forward to seeing you in future club events.

OFFICERS 2024 — 2026

President: Cathy Loboda

- E-mail: president@acaoh.org

Vice President: Gary Smith

- E-mail: vice.president@acaoh.org

Treasurer: Dave Hartsook

- E-mail: treasurer@acaoh.org

Secretary: Carol Spears

- E-mail: secretary@acaoh.org

Assistant Secretary/Treasurer:

- E-mail: secretarytreasurer@acaoh.org

Observatory Director: Ron Kalinoski

- E-mail: observatory.director@acaoh.org

ACA Webmaster: Earl Rodd

- E-mail: webmaster@acaoh.org

Publications Secretary: Glenn R. Cameron

- E-mail: newsletter.editor@acaoh.org

Trustee: position vacant

- E-mail:

Trustee: position vacant

- E-mail:

Trustee: position vacant

- E-mail:

Statutory Agent: Mark Kochheiser

- E-mail: statutoryagent@acaoh.org



Latest meeting videos available on YouTube

By Glenn R. Cameron

2024-10-20 ACA Club Meeting Speaker Dr Jay Reynolds <https://youtu.be/Kpkly4ynS4I>

2026-02-15 ACA Public Meeting Speaker Gary Kader <https://youtu.be/GmR22CFwf28>



February 2026 ACA Treasurer's Report
By Dave Hartsook
3/2/2026

Checking Beginning Balance	\$ 2,471.95
Inflows	
Membership Dues	\$ 52.50
Donations - to Sponsor ACA Meeting Refreshments	\$ 30.00
Total Inflows	\$ 82.50
Outflows	
Speaker Honorariums	\$ (50.00)
Total Outflows	\$ (50.00)
Inflows Less Outflows	\$ 32.50
Checking Ending Balance	\$ 2,504.45
Savings Beginning Balance	\$ 1,769.40
Interest Income	\$ 0.02
Savings Ending Balance	\$ 1,769.42
Petty Cash Beginning Balance	\$ 50.00
No Activity	
Petty Cash Ending Balance	\$ 50.00
Grand Total	\$ 4,323.87

Member Photos - February 2026 Member Meeting

By Ron Kalinoski

Gary Kader gave a fabulous presentation on the Hertzsprung Russell Diagram at our February 15th Public Lecture Meeting. Gary's talk was packed with information about all the detail contained within the HR Diagram, most not usually displayed on the diagram. If you missed the meeting, please see Glenn Cameron's U-tube video of Gary's talk. It is a "Must See" for amateur astronomers!



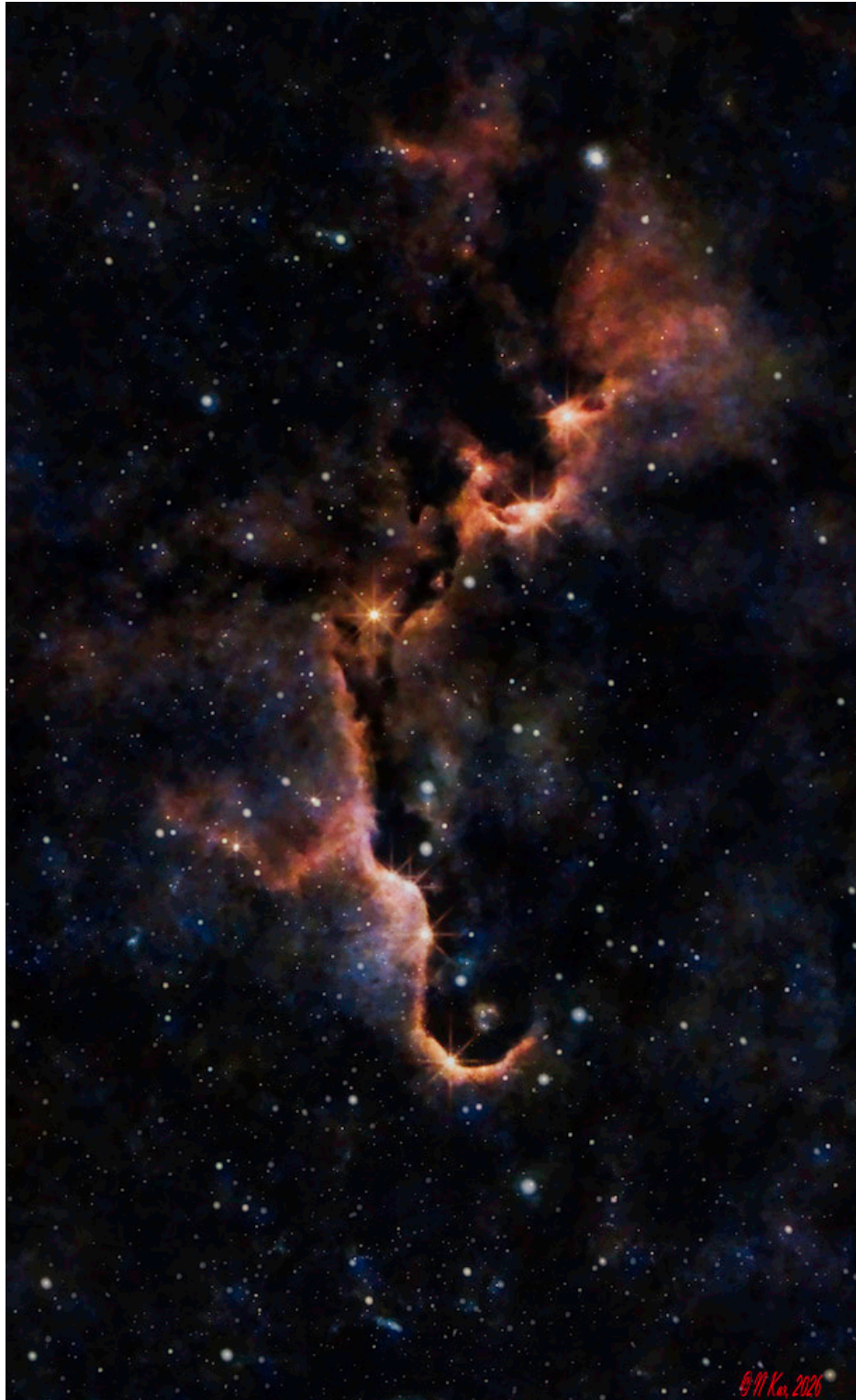
Member Photos - Elephant's Trunk Nebula

By Niladri Kar

Object, Location & Time: Elephant's Trunk Nebula (IC 1396A); Bortle 5; Dec 2025.

Equipment and Imaging: 80mm Refractor, IMX585 Color Camera; 13x4 min UV-IR and 27x4min Ha-Oiii dual NB filter.

Processing: Stacked in DSS; processed in Siril and SASPro.





Astronomy Club of Akron

2026 Activity Schedule

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

5031 Manchester Road, Akron, OH www.acaoh.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 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. 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

2026 Winter/Spring Schedule:

January 18, 2026 2:00pm

Astronomy Club of Akron Members: John Crilly, Phil Creed, & Ron Kalinoski
Telescope Seminar

Our members will explain the science and operation of optical equipment including binoculars, reflectors, refractors, and catadioptric telescopes. Some classic telescopes will be on display.

February 15, 2026 2:00pm

Gary Kader, Baldwin Wallace University, Director of Burrell Observatory and Lecturer
Hertzsprung Russell Diagram

Stars are born, live their lives, and experience death. Gary Kader will explain how data represented on the Hertzsprung Russell Diagram tells us about the lives of stars.

March 15, 2026 2:00pm

Dr. Patrick Durrell, Youngstown State University

Topic to be announced soon. Dr. Durrell is a professor of Physics, Astronomy & Geology at Youngstown State University. He has used the Hubble Space Telescope to research galaxies and globular star clusters.

April 19, 2026 2:00pm

Dr. Cyrus Taylor, Case Western University
Global Warming

Dr. Taylor, a String Theorist and Particle Accelerator Scientist, has now decided to take on an even more challenging role. Dr. Taylor will explain how emissions into our atmosphere impact planet Earth.

May 17, 2026 2:00pm

Jeff Woytach, Space Systems Consulting, LLC
James Webb Telescope: Looking Back to the Edge of Creation

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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 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.

Swap-n-Shop

Glenn Cameron

Email: glenn@cameronclan.org

- Astro-Tech AT60ED 60mm F6 ED Doublet. Contains one FPL53 lens by Ohara in Japan which minimizes chromatic aberration. Price is \$300



Swap-n-Shop

Freddy Huffman

Phone: 330-535-8009

Email: trusstube2@gmail.com

- 8" Dobsonian
- 8" SCT
- 6" SCT
- 6" Refractor
- 5" Refractor
- 100 mm Binoculars
- EQ Mount w/ dual axis tracking
- iOptron SkyTracker and tripod

Call to set up appointment to see if you are interested.

Thank you,

Freddy



March Astronomical Events

Date	EST (h:m)	Event
02	07:00	Regulus 0.4°S of Moon
02	23:35	Moon at Descending Node
03	06:34	Total Lunar Eclipse; mag=1.151
03	06:38	FULL MOON
06	12:24	Spica 1.8°N of Moon
07	06:00	Mercury at Inferior Conj
10	06:32	Antares 0.7°N of Moon
10	08:43	Moon at Apogee: 404385 km
11	04:39	LAST QUARTER MOON
15	14:00	Mercury 3.4°N of Mars
17	09:07	Mercury 2.0°N of Moon
17	10:22	Moon at Ascending Node
17	16:51	Mars 1.5°S of Moon
18	20:23	NEW MOON
20	07:39	Venus 4.6°S of Moon
20	09:46	Vernal Equinox
22	05:00	Neptune at Conj with Sun
22	06:40	Moon at Perigee: 366858 km
23	03:32	Pleiades 1.1°S of Moon
25	03:00	Saturn at Conjunction with Sun
25	14:18	FIRST QUARTER MOON
26	02:00	Mars at Perihelion: 1.38126 AU
26	07:13	Jupiter 3.9°S of Moon
26	22:18	Pollux 3.0°N of Moon
29	14:00	Regulus 0.4°S of Moon
30	06:34	Moon at Descending Node



April Astronomical Events

Date	EST (h:m)	Event
01	21:12	FULL MOON
02	20:32	Spica 1.8°N of Moon
03	18:00	Mercury at Grtst Elong: 27.8°W
06	14:21	Antares 0.6°N of Moon
07	03:32	Moon at Apogee: 404974 km
09	23:52	LAST QUARTER MOON
13	18:43	Moon at Ascending Node
15	19:45	Mars 3.7°S of Moon
17	06:52	NEW MOON
19	01:57	Moon at Perigee: 361631 km
19	03:49	Venus 4.8°S of Moon
19	11:28	Pleiades 1.0°S of Moon
19	14:00	Mars 1.2°N of Saturn
20	05:00	Mercury 0.5°S of Saturn
20	17:00	Mercury 1.7°S of Mars
22	14:00	Lyrind Meteor Shower
22	17:06	Jupiter 3.6°S of Moon
23	03:59	Pollux 3.2°N of Moon
23	21:32	FIRST QUARTER MOON
23	23:17	Venus 3.4°S of Pleiades
25	19:37	Regulus 0.2°S of Moon
26	09:36	Moon at Descending Node
30	03:17	Spica 1.8°N of Moon



Sky Event Almanacs Courtesy of Fred Espenak, www.AstroPixels.com

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Newsletter of the Astronomy Club of Akron

c/o Glenn R. Cameron, Editor

The Astronomy Club of Akron
c/o Dave Hartsook
4174 Meadow Wood Lane
Uniontown, OH 44685-7717

Yes! I want to become a member of the Astronomy Club of Akron

Check one: New Membership
 Renewal

www.acaoh.org
(PLEASE PRINT)

Name: _____ Phone: _____

Address: _____

City: _____ State: _____ Zip: _____

Email Address: _____

Astronomy Club of Akron annual memberships renew in the month of September.

Initial dues for New Members are prorated. If joining in Sep-Nov, pay full amount below; Dec-Feb pay 75%; Mar-May pay 50%; Jun-Aug pay 25%

Adult (ages 18 and older) \$30.00

Junior (ages 12 to 17) \$15.00

Additional Adult Member \$15.00

Family Membership \$40.00

Visit us on the Web at www.acaoh.org