



The Night Sky

The Newsletter of
The Astronomy Club of Akron

www.acaoh.org

July, August, September 2024

ACA MEETING - Sunday, September 15th, 2024 at 2:00 p.m.

ACA Picnic on July 28th

Photos by Glenn R. Cameron



President's Column

By Cathy Loboda

Mark Your Calendars

ACA membership meetings will resume now that our summer hiatus is over. The first meeting of the year is scheduled for Sunday, September 15, at 2:00 pm at Portage Lakes Kiwanis Civic Center, 725 Portage Lakes Drive, Akron. Speakers John Crilly, Phil Creed, and Dean Philips will present an interactive Telescope Seminar for those in attendance. Refreshments will be provided by Cathy Loboda and Ella Betka.

Membership Renewals

Just a gentle reminder that membership fees are now due for the upcoming year. If you have yet to renew your membership, please plan to do so at the September 15th membership meeting. If you are unable to attend the September meeting, you can mail your dues to treasurer Dave Hartsook at: The Astronomy Club of Akron, c/o Dave Hartsook, 4174 Meadow Wood Lane, Uniontown, Ohio 44685-7717. Yearly dues are: • \$30.00 for an Adult Membership (age 18 and over) • \$ 15.00 for Juniors (age 12 to 17) • \$15.00 for each additional member (with an Adult Membership) • \$40.00 for a Family Membership (usually the lowest total cost of the available options). Membership pays for observatory maintenance and insurance, telescope maintenance and accessories, speakers' gratuity, membership picnic entree, pavilion fees, and any costs incurred in support of our outreach programs. Your membership is needed and much appreciated!

Star Parties

Observatory Director Ron Kalinoski has done a fantastic job of offering ACA members and the public multiple opportunities to view our night

skies and the sun through star parties and solar viewing events. Thanks, Ron! Of course these events can only take place as weather permits; so, Ron emails an announcement of an upcoming event a few days in advance and then emails on the scheduled day if weather prevents its occurrence. Consequently, please always check your email before leaving for the observatory.

Annual Members' Summer Picnic

The well-attended ACA Annual Members' Summer Picnic was held on Sunday, July 28st at the Walker Pavilion of Olde Portage Lakes State Park. ACA provided burgers, dogs, buns and members provided a dish to share. The sunny, hot afternoon did not deter members from having a great time connecting and eating our fill! The picnic was enjoyed by all....good friends + good food = good times! A heartfelt thank you to Ron Kalinoski who planned, shopped, and grilled for the event. We appreciate all you do for ACA.

Upcoming Meetings

As time will surely fly, please note the upcoming ACA meetings and place them on your calendars. The club has secured dynamic speakers for the October and November meetings who have delivered engaging presentations for ACA in the past. Plan now to attend!

October 20, 2024

ACA Membership Meeting
Dr. Jay Reynolds - Cleveland State University
Neutron Stars - Why are They so Unique?

November 17, 2024

ACA Membership Meeting
Dr. Patrick Durrell - Youngstown State University
A Visit to the Virgo Cluster of Galaxies



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: Jeff Hudson

- E-mail: webmaster@acaoh.org

Publications Secretary: Glenn R. Cameron

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

Trustee: Mike Sanders

- E-mail:

Trustee: Katie Adams

- E-mail: katiemarie1678@gmail.com

Trustee: position vacant

- E-mail:

Statutory Agent: Mark Kochheiser

- E-mail: statutoryagent@acaoh.org

New Members

ACA extends a warm welcome to new members: Jill Judge & Family. ACA thanks you for your membership and interest in our club! We look forward to seeing you at future club events!

2024 Membership Meeting Dates

By Ron Kalinoski

Hello Members. We have secured the following dates for 2024 membership meetings:

- January 21
- February 18
- March 17
- April 21
- May 19
- September 15
- October 20
- November 17

All meetings will start at 2:00 p.m..

We have the Kiwanis Civic Center reserved from 12 p.m. to 5 p.m. for set up and clean up.

Portage Lakes Kiwanis Civic Center

725 Portage Lakes Drive

Akron, Ohio 44319



Meeting Minutes: May 19th, 2024

Submitted by Secretary Carol Spears

Meeting was called to order by President Cathy Loboda at 3:17 p.m.

Officers' Reports:

Vice President, Gary Smith:

Prediction for the nova in the constellation Corona Borealis is that it could happen this year, perhaps in 2025, though not certain. When more information is available it will be announced.

Secretary Report, Carol Spears:

Secretary minutes are presented to members via the Night Sky Newsletter.

Treasurer Report, Dave Hartsook:

Treasurer reports are presented to members via The Night Sky Newsletter.

There were no additions or corrections to the two reports.

Thanks to Glenn Cameron for the refreshments for today's meeting

Old Business:

Thanks given to the new officers who were elected at the April meeting for serving the club in their respective capacities.

New Business:

Date for summer picnic was discussed. July 28th is the first choice, second and third choices are

August 18 or 25. The picnic will be held at the same location as in 2023, the Olde Portage Lakes State Park, Walker Pavilion.

Observatory Director Report, Ron Kalinoski:

Ron reported that there was an inventory of all the materials/boards need to replace the wooden supports under the rail in the roof roll off and to restore the paneling of the east side of the observatory. A maintenance day to do the work will be scheduled for July or August.

Member observations:

Cathy Loboda and Glenn Cameron reported on their observation of the aurora borealis.

Member inquiry:

Ron asked the members if they would agree to hold the ACA telescope seminar at one of our membership meetings instead of being held at the observatory. We would have speakers talking about the different types of telescopes and display telescopes, possibly some older models from 50's, 60's, and 70's.

Members agreed to have this as one of the 2024 – 2025 meetings.

President Cathy Loboda adjourned the meeting at 3:29 p.m.





Astronomy Club of Akron

2024 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 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 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: Portage Lakes Kiwanis Civic

725 Portage Lakes Drive

Akron, Ohio

2024 Autumn Schedule:

September 15, 2024 2:00pm

John Crilly – ACA Member

Phil Creed – ACA Guest Speaker

Dean Philips – ACA Member

Astronomy Club of Akron Telescope Seminar

Our knowledgeable speakers will explain how binoculars, refractors, reflectors, and eyepieces function and explain the advantages and disadvantages of different models.

October 20, 2024 2:00pm

Dr. Jay Reynolds

Cleveland State University

Neutron Stars – Why are They so Unique?

With T Coronae Borealis set to go Nova this year, there is a great interest in these final states of stars.

November 17, 2024 2:00pm

Dr. Patrick Durrell

A Visit to the Virgo Cluster of Galaxies

Youngstown State University

This talk will feature Dr. Durrell's research about galaxies in the Virgo Cluster.

*** 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.

June 2024 ACA Treasurer's Report
By Dave Hartsook
7/2/2024

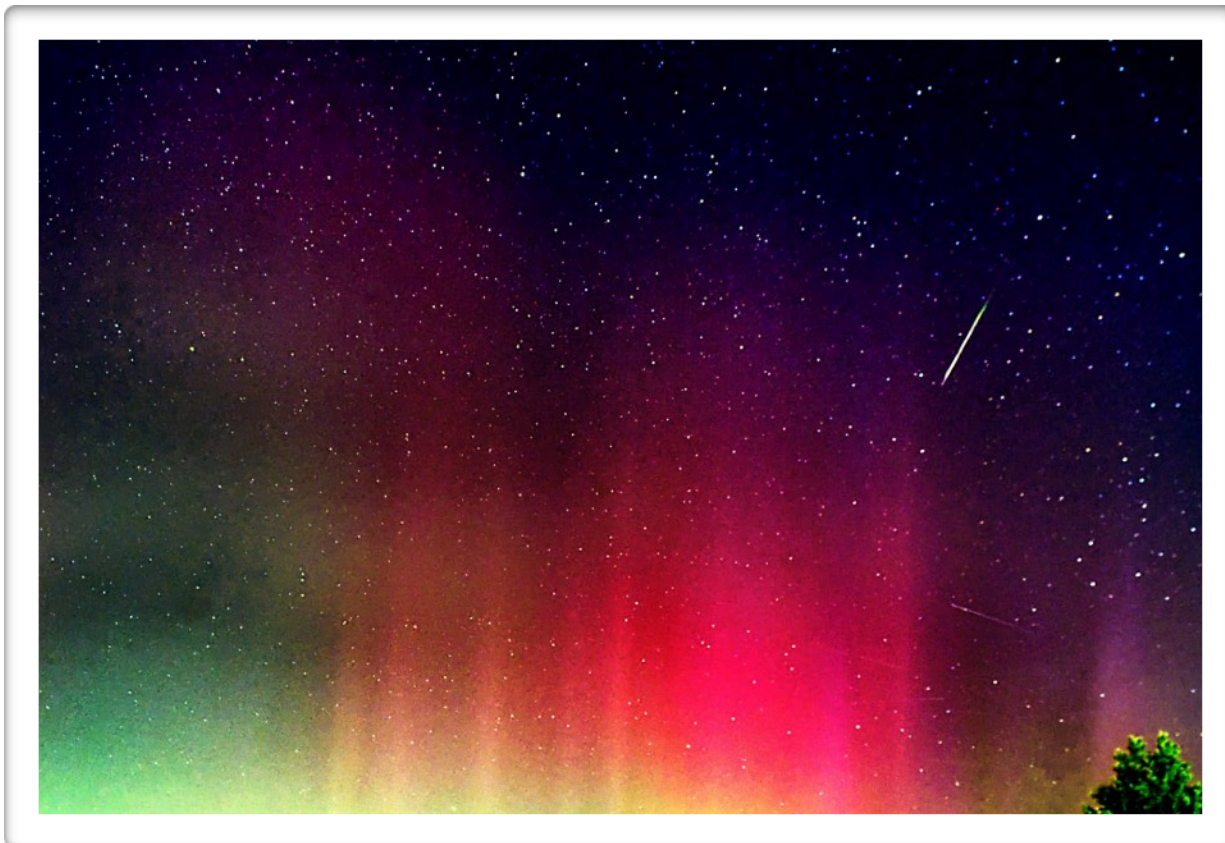
Checking Beginning Balance	\$1,895.02
Income	
Membership Dues Received	\$77.50
PayPal Net Fee/Credit	0.14
Total Income	<u>\$77.64</u>
Expenses	
Reimburse Secretary for 2024 ACA picnic Walker Pavilion Rental	\$ (51.50)
Total Expenses	<u>\$ (51.50)</u>
Income Less Expenses	\$ 26.14
Checking Ending Balance	<u><u>\$1,921.16</u></u>
Savings Beginning Balance	\$1,969.02
Interest Income	\$0.02
Savings Ending Balance	<u><u>\$1,969.04</u></u>
Petty Cash Beginning Balance	\$50.00
No Activity	
Petty Cash Ending Balance	\$50.00
Grand Total	<u><u>\$3,940.20</u></u>

July 2024 ACA Treasurer's Report
By Dave Hartsook
8/2/2024

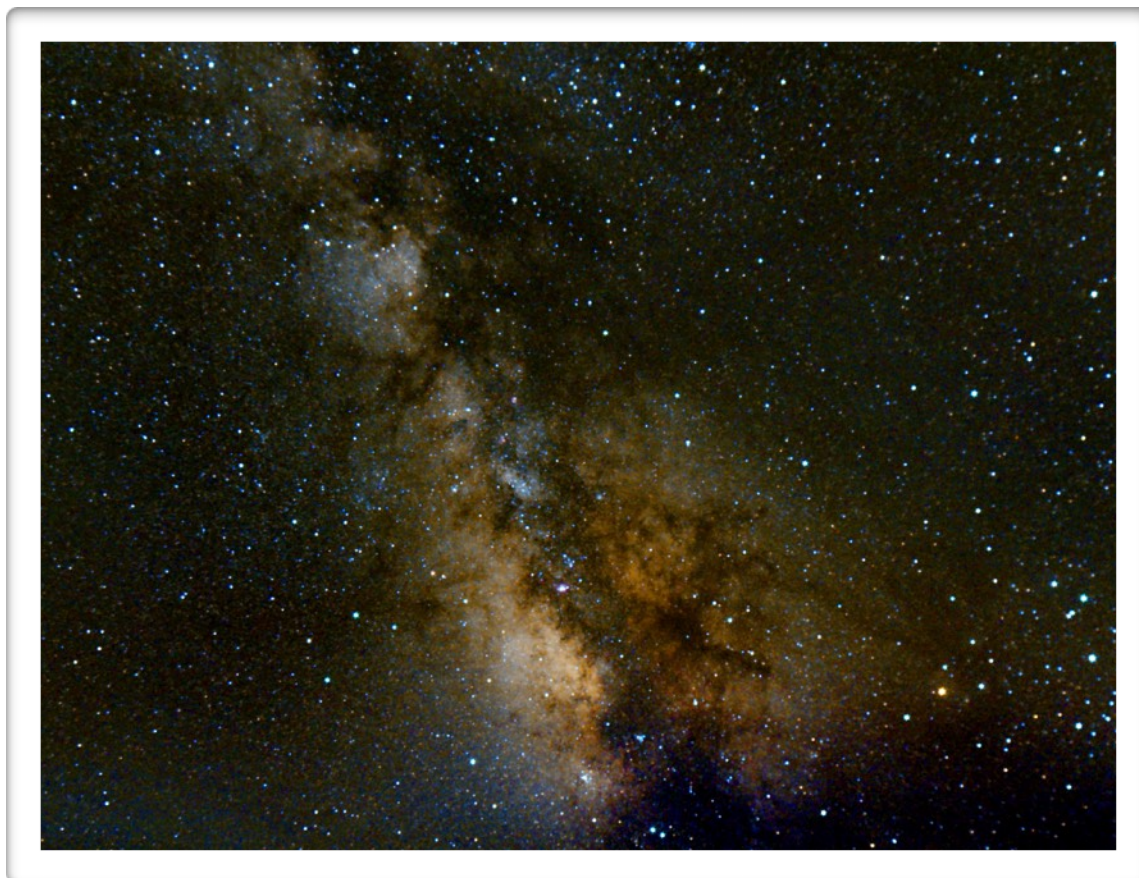
Checking Beginning Balance	\$1,921.16
Income	
None	\$0.00
Total Income	<u>\$0.00</u>
Expenses	
Reimburse Statutory Agent for Ohio Charitable Org Registration Annual Report Filing Fee	\$ (50.00)
Total Expenses	<u>\$ (50.00)</u>
Income Less Expenses	\$ (50.00)
Checking Ending Balance	<u><u>\$1,871.16</u></u>
Savings Beginning Balance	\$1,969.04
Interest Income	\$0.02
Savings Ending Balance	<u><u>\$1,969.06</u></u>
Petty Cash Beginning Balance	\$50.00
No Activity	
Petty Cash Ending Balance	\$50.00
Grand Total	\$3,890.22

Note: David Hartsook is on vacation so the August treasurer's report will be in next month's newsletter.

More Member Photos



Perseid and Aurora on 8/12/2024 photo by Niladri Kar



Milky Way From Fry Family Park on 9/5/2024 photo by Niladri Kar

More Member Photos

Planetarium at Royal Observatory Greenwich, UK
8/16/2024

“Notice the frustum shape, similar to Shafran
Planetarium at the Cleveland Museum of Natural
History”

photo by Glenn R. Cameron



Stonehenge, UK 8/18/2024 photo by Glenn R. Cameron

September Astronomical Events

Date	GMT (h:m)	Event
03	01:55	NEW MOON
05	02:00	Mercury at Grtst Elong: 18.1°W
05	05:43	Moon at Descending Node
05	10:13	Venus 1.2°N of Moon
05	14:55	Moon at Apogee: 406215 km
06	16:22	Spica 0.6°S of Moon
08	04:00	Saturn at Opposition
09	02:50	Mercury 0.4°N of Regulus
09	15:00	Mercury at Perihelion
10	12:29	Antares 0.1°N of Moon
11	06:06	FIRST QUARTER MOON
17	10:14	Saturn 0.3°S of Moon: Occn.
18	02:34	FULL MOON
18	02:44	Partial Lunar Eclps mag=0.085
18	02:57	Venus 2.2°N of Spica
18	13:26	Moon at Perigee: 357284 km
18	19:51	Moon at Ascending Node
20	23:00	Neptune at Opposition
22	10:17	Pleiades 0.2°S of Moon
22	12:44	Autumnal Equinox
24	18:50	LAST QUARTER MOON
26	10:25	Pollux 1.6°N of Moon
29	07:16	Regulus 3.0°S of Moon
30	21:00	Mercury at Superior Conj.



October Astronomical Events

Date	GMT (h:m)	Event
02	11:52	Moon at Descending Node
02	18:45	Annular Solar Eclps mag=0.933
02	18:49	NEW MOON
02	19:40	Moon at Apogee: 406517 km
05	20:27	Venus 3.0°N of Moon
07	18:48	Antares 0.2°N of Moon
10	18:55	FIRST QUARTER MOON
14	18:05	Saturn 0.1°S of Moon: Occn.
16	07:05	Moon at Ascending Node
17	00:46	Moon at Perigee: 357173 km
17	11:26	FULL MOON
19	19:59	Pleiades 0.1°S of Moon
21	06:00	Orionid Meteor Shower
23	17:16	Pollux 1.7°N of Moon
23	19:55	Mars 3.9°S of Moon
24	08:03	LAST QUARTER MOON
25	23:43	Venus 3.0°N of Antares
26	13:24	Regulus 2.9°S of Moon
29	17:44	Moon at Descending Node
29	22:50	Moon at Apogee: 406164 km



Swap-n-Shop

Glenn Cameron

Email: glenn@cameronclan.org

- iOptron AZ Mount Pro with:
 - Go2Nova 8407 hand controller
 - Model FY1262000 AZ Mount Pro Li-Ion Battery Charger
- 12V car battery power cable
- Aluminum Hard Case

The tripod and pier extension are not included.

It's posted on CloudyNights.com and my user account is grcameron. Email to ask questions or to set up a time to see the gear.

\$700.00



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



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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