



The Night Sky

The Newsletter of
The Astronomy Club of Akron

www.acaoh.org

May 2024

ACA MEETING - Sunday, May 19th, 2024 at 2:00 PM

President's Column

By Cathy Loboda

Next ACA Meeting

The next ACA monthly meeting is scheduled for May 19th at 2:00 pm. John Crilly, Meade Telescope Consultant, will present "What Astronomers See." John's talk will be about the different celestial objects astronomers view through a telescope. All ACA meetings are held at Portage Lakes Kiwanis Civic Center, 725 Portage Lakes Drive, Akron. Join us for this engaging presentation and discussion. Thank you to Cathy Loboda for providing refreshments this month. Looking forward to seeing you on the 19th!

Club Elections

ACA members elected the following club officers at the April membership meeting. Thank you to our newly elected officers! We appreciate your time and efforts as you serve ACA and its mission.

President: Cathy Loboda

Vice President: Gary Smith

Secretary: Carol Spears

Treasurer: Dave Hartsook

Newsletter Editor: Glenn Cameron

Star Parties

Members are continually reminded to keep an eye on their email accounts for star party announcements. Observatory Director Ron Kalinoski sends

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Outreach Photo by Ron Kalinoski

On April 16th, 2024, ACA hosted an event to help the Girl Scout Brownies of Troop 190557 obtain their Space Science Adventurer Badge. The event was held at Medina County District Library. Following the presentation, two telescopes were set up for the girls to operate and observe objects in the library at the opposite end of the building. Twenty-three Brownies attended with lots of questions and excitement about the stars. We are happy to see more of our outreach programs reaching the Girl Scout community.



OFFICERS 2022 — 2024

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:

- E-mail: secretary@acaoh.org

Assistant Secretary/Treasurer: Reece Davis

- 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

(President's Column continued)

announcements of upcoming star parties through email and the ACA website. Naturally, star parties are held weather permitting and the best opportunity for viewing can quickly change. Always check the ACA website before venturing out to a star party in the event weather conditions have prevented the planned star party from taking place. If you are not on the Star Party email list, please see Ron.

A Special Thank You

A heartfelt thank you goes to ACA members Jim Watson, Gary Smith, and Glenn Cameron. These dedicated members graciously take the time and effort each month to prepare needed A/V equipment for our monthly speakers. Jim and Gary arrive well before the speaker each month to begin set-up, and this year Glenn took the initiative to record and post our speaker presentations on YouTube. This effort furthers the ACA mission, "to promote the interest, education and advancement of its members and the general public in amateur (observational) astronomy." Thank you! Your volunteerism and time are much appreciated!



Member Meeting Video

By Glenn R. Cameron

The video of Gary Kader's talk on 2024-04-21 is available on YouTube at this link.

<https://youtu.be/qW0j9dXsrh8>

New Members

ACA extends a warm welcome to the returning member: Nick Mihiylov. ACA thanks you for your membership and interest in our club! We look forward to seeing you at future club events!

Meeting Minutes: April 21st, 2024

Submitted by Carol Spears on behalf of Secretary Marnie Sanders

Meeting Started:

Meeting was called to order by President Cathy Loboda at 3:10 p.m.

Officers' Reports:

Vice President, Gary Smith:

Gary expressed congratulations to all of us who witnessed the total eclipse on April 8th.

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 Secretary and Treasurer reports.

Thanks go out to Glenn Cameron for the refreshments for the April meeting.

Old Business:

Volunteers still needed to provide refreshments during membership meetings.

New Business:

A reminder announcement was made about the May 19th meeting speaker, John Crilly, Meade Consultant, who will present a program titled "What Astronomers See".

The club elections slate of officers was presented as follows:

President: Cathy Loboda

Vice President: Gary Smith

Treasurer: Dave Hartsook

Newsletter Editor: Glenn Cameron

Secretary: Carol Spears

Assistant Secretary/Treasurer: no nominees

Ron Kalinoski motioned for a unanimous vote of acceptance for the entire slate. Glenn Cameron seconded the motion. The slate of officers was accepted by a unanimous vote of the members.

Observatory Director Report:

Observatory Director Ron Kalinoski reported that the sum of \$175 in donations to the club was collected through public presentations to various groups about the eclipse. Thanks go to the following members who made the presentations:

Ron Kalinoski

Dean Phillips

Robert Kinsey

Glenn Cameron

Earl Rodd

Member observations:

Members reported where they were and what the viewing conditions were like during the total eclipse on April 8th.

Meeting Adjourned:

Cathy Loboda adjourned the meeting at 3:20 p.m.

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 2:00pm.

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

Portage Lakes Kiwanis Civic Center
725 Portage Lakes Drive
Akron, Ohio 44319

April 2024 ACA Treasurer's Report
By Dave Hartsook
5/2/2024

Checking Beginning Balance	\$1,788.95
Income	
Membership Dues Received	\$90.00
Donations	115.00
PayPal Net Fee/Charge	0.06
Total Income	<u>\$205.06</u>
Expenses	
Speaker Honorarium for March 2024 ACA Meeting	\$ (50.00)
Reimburse Observatory Director for creamer, plates, napkins at February 2024 ACA Meeting	\$ (16.14)
Total Expenses	<u>\$ (66.14)</u>
Income Less Expenses	\$ 138.92
Checking Ending Balance	<u><u>\$1,927.87</u></u>
Savings Beginning Balance	\$1,968.99
Interest Income	\$0.02
Savings Ending Balance	<u><u>\$1,969.01</u></u>
Petty Cash Beginning Balance	\$50.00
No Activity	
Petty Cash Ending Balance	\$50.00
Grand Total	\$3,946.88

May Astronomical Events

Date	GMT (h:m)	Event
01	11:27	LAST QUARTER MOON
03	22:26	Saturn 0.8°N of Moon: Occn.
04	20:00	Eta-Aquarid Meteor Shower
05	02:26	Mars 0.2°S of Moon: Occn.
05	21:54	Moon at Ascending Node
05	22:11	Moon at Perigee: 363166 km
06	08:25	Mercury 3.8°S of Moon
08	03:22	NEW MOON
08	11:00	Mars@Perihel 1.38150 AU
09	21:00	Mercury at Grtst Elong: 26.4°W
12	22:17	Pollux 1.6°N of Moon
13	11:00	Uranus in Conj with Sun
15	11:48	FIRST QUARTER MOON
15	18:43	Regulus 3.5°S of Moon
17	19:00	Moon at Apogee: 404641 km
18	18:00	Jupiter in Conjunction with Sun
19	16:35	Moon at Descending Node
20	09:20	Spica 1.4°S of Moon
23	13:53	FULL MOON
24	02:31	Antares 0.4°S of Moon
30	17:13	LAST QUARTER MOON
31	08:01	Saturn 0.4°N of Moon: Occn.

June Astronomical Events

Date	GMT (h:m)	Event
02	03:08	Moon at Ascending Node
02	07:23	Moon at Perigee: 368108 km
02	23:37	Mars 2.4°S of Moon
04	15:00	Venus at Superior Conjunction
05	08:14	Pleiades 0.4°N of Moon
06	12:38	NEW MOON
09	07:23	Pollux 1.7°N of Moon
12	03:00	Regulus 3.3°S of Moon
13	16:00	Mercury at Perihelion
14	05:18	FIRST QUARTER MOON
14	13:36	Moon at Apogee: 404078 km
14	16:00	Mercury at Superior Conj.
15	20:17	Moon at Descending Node
16	17:28	Spica 1.2°S of Moon
20	10:33	Antares 0.3°S of Moon
20	20:51	Summer Solstice
22	01:08	FULL MOON
27	11:45	Moon at Perigee: 369292 km
27	14:52	Saturn 0.1°S of Moon: Occn.
28	17:34	Mercury 4.7°S of Pollux
28	21:53	LAST QUARTER MOON
29	04:26	Moon at Ascending Node





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: Kiwanis Building

2024 Schedule:

January 21, 2024 2:00pm

Dr. Geoffrey Landis

NASA Glenn Research Center, Aerospace Engineer and Science Fiction Author

Sample Return from Titan Mission

Lecture covers the plans for a spacecraft to land on Saturn's Moon Titan and return a sample back to Earth. This is Out of This World Engineering!

February 18, 2024 2:00pm

Dr. Jeffrey Woytach

NASA Glenn Research Center, Aerospace Engineer

Artemis Program, Return to the Moon

Lecture covers NASA's plans for Humans to return to the Moon and have a permanent presence there.

March 17, 2024 2:00pm

Ron Kalinoski

McKinley Museum, Planetarian

Mirror Grinding – How to Make Your Own Telescope Mirror

Lecture covers rough grinding, fine grinding, polishing, correction to paraboloid, and mirror testing.

April 21, 2024 2:00pm

Gary Kader

Baldwin Wallace University, Director of Burrell Observatory and Lecturer

A Short History of Telling Time

Lecture covers how we tell time; including solar time, civil time, universal time, and coordinated time. It's a lot more complicated than you might think.

*** 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

- 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
- iOptron Star Knobs
- iOptron MiniPier
- iOptron PowerWeight CW Battery with:
 - Model FY1441500 Battery Charger
- Tripod (I don't know what model it is but it was included from the seller when I bought it. I think it's an older iOptron tripod. The legs are 1.5" diameter. It seems like a cross between the iOptron SmartStar-A AZ/EQ and one of their field tripods.)

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.

\$900.00



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



Swap-n-Shop

Nick Mihiylov

Email: nmihylov@aol.com

Phone: (330) 760-0746

Better Than New 8" Meade LX200 ACF Just in time for the upcoming observing season!

- Blue Crinkle Finish
- Super Charged by Dr. Clay Sherrod
- 60mm Stellarvue Finder Scope with Illuminated Reticle
- Original Meade 50mm Finder Scope included
- AstroZap Custom Blue Crinkle Finish Dew Shield w/Dust Cap
- Baader 2" BBHS Diagonal, 1.25" Adapter Ring Included
- Peterson Engineering Mounting Assist Plate
- Peterson Engineering Easy Grip Handles
- JMI Medium Size Wheelie Bars
- Centech 3in1 Portable Power Pack
- Original Telescope Box
- To purchase these items today you would spend \$6,600 plus shipping charges
- Excellent Condition and Great GoTo's
All that is needed is for you to provide your own eyepieces!
- Asking \$3,200
- Would be willing to bring to a Star Party to demo for serious interested parties.



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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