



The Night Sky

The Newsletter of
The Astronomy Club of Akron

www.acaoh.org

November 2022

ACA MEETING - Sunday, November 20th, 2022 at 2:00 PM

President's Column

By Cathy Loboda

Next ACA Monthly Meeting Scheduled for November 20

The ACA's next membership meeting is Sunday, November 20th at 2:00 pm. The meeting location is the Portage Lakes Kiwanis Civic Center, 725 Portage Lakes Drive, Akron. Our speaker is longtime ACA member and Publications Secretary Glenn Cameron. Glenn will present a program on asteroid hunting and astrometry. He will also share his quick telescope roll-out and wireless remote control process. Looking forward to seeing you on the 20th!

Star Parties

Observatory Director Ron Kalinoski continues to offer Impromptu Star Parties as weather permits. If you are not receiving emails announcing ACA Impromptu Star Parties, go to the ACA website to add your email to our listing or use this link: https://www.acaoh.org/_EmailNotice/ImpNotice.htm

New Members

The ACA extends a warm welcome to the following new members:

- Niladri Kar
- Cheung Cho Yue
- Jimmy Oser
- Nancy and Vicki Sheppard

The ACA thanks you for your membership and interest in our club! We look forward to seeing you at future club events!

ACA Takes Holiday Hiatus

Just a reminder that the ACA suspends its membership meeting for the month of December. Take time to be with family and friends for the holiday season. Mark your calendar for the next monthly meeting on January 15, 2023.



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: Marnie Sanders

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: position vacant

E-mail:

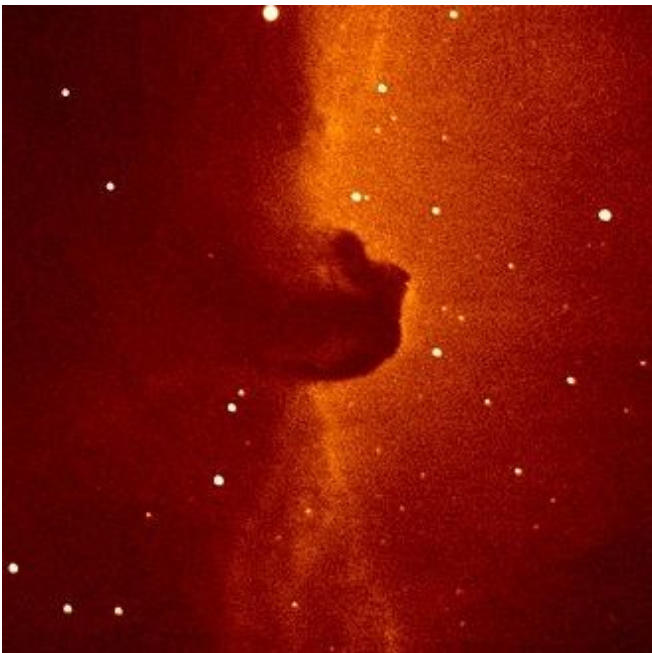
Trustee: position vacant

E-mail:

Statutory Agent: Mark Kochheiser

E-mail: statutoryagent@acaoh.org

OTAA Representative: Lou Poda



Observatory Report

By Ron Kalinoski

Observatory Report

The skies have been kind to us lately. On November 2nd, the ACA hosted a private star party for Stark College students. We gave the students a tour of the night sky and constellations under clear skies. The students were full of questions and were amazed at viewing Jupiter & Saturn, open and globular star clusters, and nebulae. Our public star parties were equally exciting on October 21st and 22nd. The observatory was packed for both star parties with standing room only. The public wanted to view the planets and the 16-inch observatory telescope gave them marvelous views of Jupiter & Saturn! Clear Skies continued on October 29th when we hosted a solar party featuring radio and white light observations of the Sun. We finished the day off with a star party that evening. Thanks to Jim Watson, Glenn Cameron, and Dave Hartsook for help with these programs.

October 25, 2022

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

Dear Gentlemen:

We will never forget your kindness and patience in showing us (and especially our grandson Jimmy) the wonders of the universe at your Star Party in September, 2022.

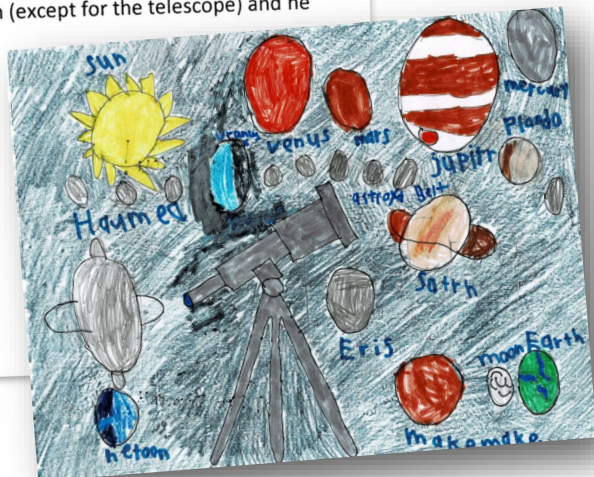
The gift of everyone's knowledge has left a lasting impression on all of us and continues to spark Jimmy's interest in the universe.

A very special thank you goes out to Ron for his unbelievable generosity in giving Jimmy his own telescope! He excitedly brought it home and put it in his bedroom facing up to the solar system he has hanging from his ceiling and has had it out several times showing the rest of his family the wonders of the moon's craters. Ron's thank you card was done completely by him (except for the telescope) and he spent a lot of time researching it.

It was a very special night and our memories will last forever!

Very truly yours,

Nancy & Vicki Sheppard & Jimmy Oser
589 Sumatra Ave.
Akron, OH 44305



Swap-n-Shop

Freddy Huffman

Phone: 330-535-8009

Email: trusstube2@gmail.com

- 8" SCT
- 6" Refractor
- 8" Dobsonian
- 5" Refractor
- 6" SCT
- 100mm 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



ACA Minutes for Membership Meeting, 2 pm, October 16, 2022

Gary Smith presented the program video, *Journey to Andromeda*.

The Business meeting was called to order at 2:55 pm

The Agenda items were discussed as follows:

Vice President's report

- November speaker arrangement in progress

Secretary's report

- A review of September's meeting was given by President Cathy Loboda

Treasurer's report

- The monthly financial report for September was published in the Night Sky Newsletter and reference by President Cathy Loboda

Old Business

- Discussion of ACA as a source of information for the 2024 Solar Eclipse
- Decision to plan social at Galaxy Restaurant on November 6th

New Business

- Volunteers are needed to provide refreshments for all future meetings. No volunteer for November came forward.
- A club social is scheduled at the Galaxy restaurant for Sunday November 6 at noon. Members are asked to RSVP to Secretary Marnie Sanders via email.
- Glenn Cameron was thanked for his outstanding work on the club's Night Sky Newsletter. The members were encouraged to contact Glenn if interested in contributing to the newsletter in the future. Many members have experiences or special interests that could be shared with our readers and would further enhance the publication.
- The club is still in need of two trustees to fill vacant board positions. Interested members were asked to contact President Cathy Loboda.
- Ron Kalinoski inquired about future speakers. Vice President Gary Smith reported he did not have offers from speakers. In response, Ron asked how speakers were approached and added Secretary Marnie Sanders offered to help contact speakers. Glenn Cameron added he had a list of potential speakers that he updated when he was Vice President. Gary gratefully accepted the help in securing speakers for the January through May meetings of 2023. Securing speakers now will enable the club to publicize meetings.

Observatory Director's report

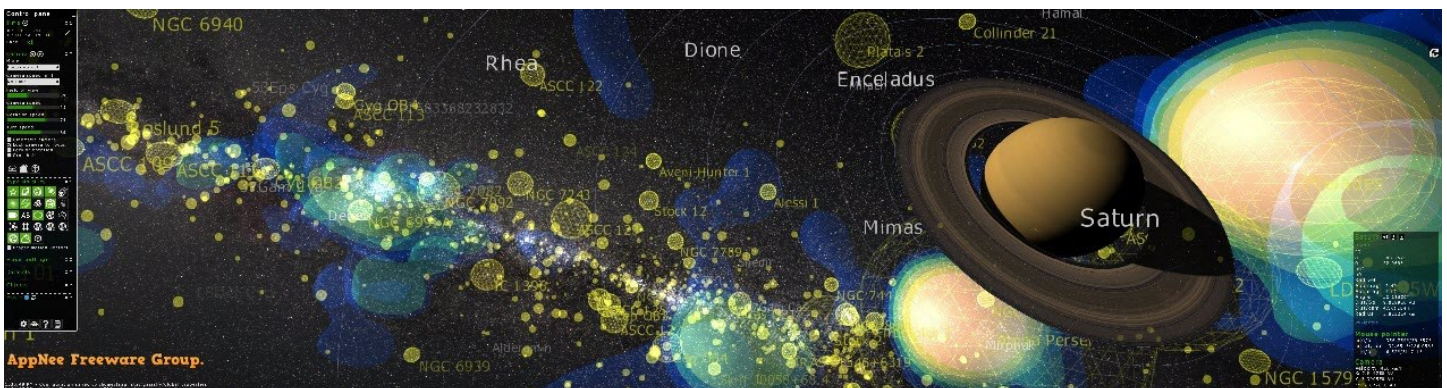
- On October 25th Director Ron Kalinoski will host an event at the Observatory for students from Stark State Community College.
- Ron reported on the most recent star parties and the observations of those nights.
- Jim Watson and Ron plan to complete work on the rethreading needed to heighten the solar telescope. During the summer months the eyepiece is too low for comfortable viewing with the sun near zenith.
- Ron plans on scheduling another solar event in November. Several scheduled/impromptu night sky observations are also occurring.

Calls for Observations

- Glenn shared his recent photo of Jupiter. He described his telescope set up and how it allows him to see images in real time on his computer while in the comfort of his home. He is also logging images of asteroids for submission.

Member Inquiries

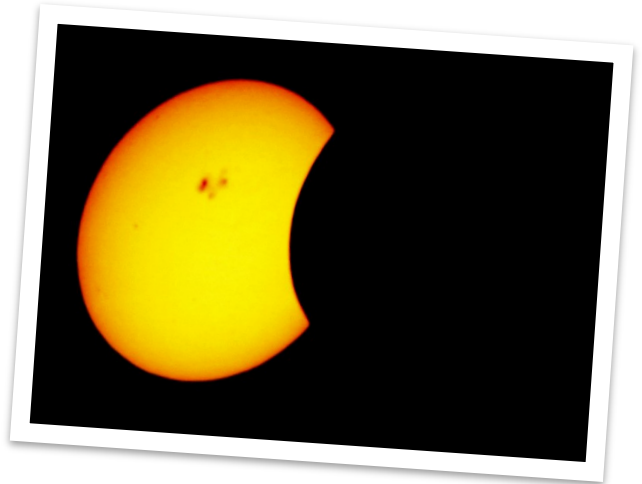
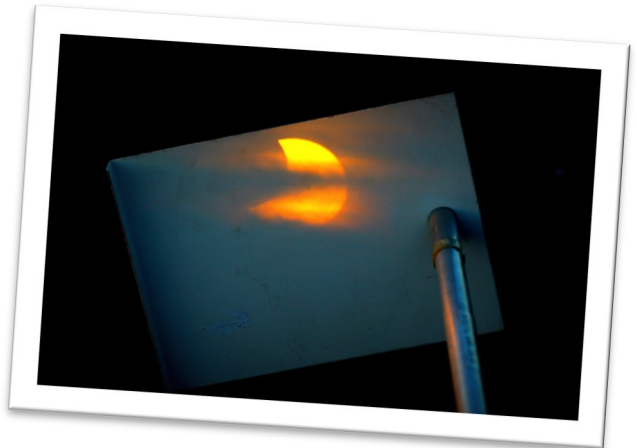
- Members inquired about the .solar telescope and the rethread. This led to discussion about how many solar telescopes are used during a solar party and the types of filters.



Blast From Novembers Past

By Glenn R. Cameron

Here are some photos I took on November 5th, 2017. The event was a partial solar eclipse. It was hosted by the Cleveland Museum of Natural History and was held on the shore of Lake Erie. Representing the museum was a great friend of the ACA, Clyde Simpson, the then director of the museum's planetarium. He was projecting an image of the eclipse onto an index card through his trusty Edmund Scientific Astroscan telescope.



The people images were taken by me. The solar images are courtesy of a friendly attendee of the event, Raja P. Kumar. He emailed his photos to me the day after the event.



November Astronomical Events

Date	EST (h:m)	Event
01	03:37	FIRST QUARTER MOON
01	18:08	Saturn 4.2°N of Moon
04	17:19	Jupiter 2.4°N of Moon
05	15:00	S Taurid Meteor Shower
08	03:08	Moon at Ascending Node
08	07:59	Total Lunar Eclipse; mag=1.359
08	08:02	FULL MOON
08	13:00	Mercury at Superior Conjunction
09	06:00	Uranus at Opposition
09	09:16	Pleiades 2.7°N of Moon
11	10:43	Mars 2.5°S of Moon
12	14:00	N Taurid Meteor Shower
13	20:43	Pollux 1.7°N of Moon
14	03:41	Moon at Apogee: 404924 km
16	10:27	LAST QUARTER MOON
17	21:00	Leonid Meteor Shower
21	00:36	Spica 4.3°S of Moon
22	13:23	Moon at Descending Node
23	19:57	NEW MOON
25	22:30	Moon at Perigee: 362826 km
29	01:40	Saturn 4.2°N of Moon
30	11:36	FIRST QUARTER MOON

December Astronomical Events

Date	EST (h:m)	Event
01	21:52	Jupiter 2.5°N of Moon
05	09:39	Moon at Ascending Node
06	16:26	Pleiades 2.7°N of Moon
08	01:08	FULL MOON
08	01:21	Mars 0.5°S of Moon: Occn.
08	01:00	Mars at Opposition
11	04:06	Pollux 1.8°N of Moon
11	21:30	Moon at Apogee: 405869 km
14	10:00	Geminid Meteor Shower
16	05:56	LAST QUARTER MOON
18	10:37	Spica 4.1°S of Moon
19	22:36	Moon at Descending Node
21	12:00	Mercury at Greatest Elong: 20.1°E
21	18:48	Winter Solstice
21	19:43	Antares 2.3°S of Moon
22	18:00	Ursid Meteor Shower
23	07:17	NEW MOON
24	05:32	Moon at Perigee: 358270 km
24	08:29	Venus 3.5°N of Moon
24	15:31	Mercury 3.8°N of Moon
26	13:11	Saturn 4.0°N of Moon
29	04:00	Mercury 1.4°N of Venus
29	07:29	Jupiter 2.3°N of Moon
29	22:21	FIRST QUARTER MOON

October 2022 ACA Treasurer's Report By Dave Hartsook 11/2/2022

Checking Beginning Balance	\$1,658.91
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Income	
Membership Dues Received (5 Family + 3 Adult)	\$290.00

Total Income	<u>\$290.00</u>
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Expenses

None

Total Expenses	<u>\$0.00</u>
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Income Less Expenses	\$290.00
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Checking Ending Balance	<u>\$1,948.91</u>
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Savings Beginning Balance	\$3,768.56
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Interest Income	\$0.03
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Savings Ending Balance	<u>\$3,768.59</u>
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Petty Cash Beginning Balance	\$50.00
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No Activity

Petty Cash Ending Balance	\$50.00
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Grand Total	\$5,767.50
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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