



# The Night Sky

The Newsletter of  
The Astronomy Club of Akron

[www.acaoh.org](http://www.acaoh.org)

Volume 46 Number 9

November 2024

**ACA MEETING - Sunday, November 17th, 2024 at 2:00 p.m.**

**ACA Member Photo by  
Niladri Kar**

C/2023 A3 (Tsuchinshan-ATLAS) at Fry Family Park on 10/17/24.

Stacked and processed stars and comet separately for A3 light frames with proper darks and flats, giving me better details IMHO like anti-tail, less noise and more stars.

Comet tail more than 16.5 degree long.



## President's Column

By Cathy Loboda

### Upcoming Meetings

The next meeting of the Astronomy Club of Akron is Sunday, November 17th at 2:00pm. Speaker Dr. Patrick Durrell from Youngstown State University will present "A Visit to the Virgo Cluster of Galaxies" Don't miss this fascinating presentation featuring Dr. Durrell's research!

After Dr. Durrell's presentation, ACA members will vote on changes to the bylaws during their monthly meeting. Please plan on staying for this brief, but

important meeting. The proposed changes to the bylaws are noted in this newsletter.

All ACA meetings are held at the Portage Lakes Kiwanis Civic Center, 725 Portage Lakes Drive, Akron. November meeting refreshments will be provided by Carol Spears.

### Holiday Hiatus

The November meeting is the last membership meeting before our holiday break in December. ACA meetings will resume Sunday, January 19, 2025. The ACA Board extends our best wishes to all for the Holidays! May these days be full of joy and fond memories as you spend time with those you love.

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### ACA Member Photo by Glenn R. Cameron

C/2023 A3 Tsuchinshan-ATLAS at Jackson Park on 10/20/2024.

Taken with my ZWO Seestar S50.



## OFFICERS 2024 — 2026

President: Cathy Loboda

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Vice President: Gary Smith

- E-mail: [vice.president@acaoh.org](mailto:vice.president@acaoh.org)

Treasurer: Dave Hartsook

- E-mail: [treasurer@acaoh.org](mailto:treasurer@acaoh.org)

Secretary: Carol Spears

- E-mail: [secretary@acaoh.org](mailto:secretary@acaoh.org)

Assistant Secretary/Treasurer:

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Trustee: position vacant

- E-mail:

Trustee: position vacant

- E-mail:

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## New Members

ACA extends a warm welcome to new member: Robert Folk. 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: October 17th, 2024

### Submitted by President Cathy Loboda for Carol Spears

**Meeting called to order:** By President Cathy Loboda at 3:20 p.m.

#### Officers' Reports:

**Vice President, Gary Smith:** Gave update about the fading comet.

**Secretary Report, Cathy Loboda for Carol Spears:** Approved as noted in ACA Night Sky Newsletter.

**Treasurer Report, Dave Hartsook:** Approved as noted in ACA Night Sky Newsletter

**Old Business:** The second reading of ACA Bylaw changes. Also voted for amendment and approved by members in attendance.

The final reading will be as listed in the November ACA Night Sky Newsletter and voting on the bylaw amendments will take place at the November 17, 2024 membership meeting.

**New Business:** None.

#### Observatory Director Report, Ron Kalinoski:

Ron Kalinoski reported on the recent star parties. He will send emails announcing the fall maintenance day at the Observatory. Since we will soon run out of good weather and supplies for repair were not yet purchased, repairs to the building will take place in spring. Ron asked for and received approval to purchase a diagonal in lieu of the previously approved focuser. The cost of the diagonal is similar to the cost of the focuser and will not affect the previously approved budget for the observatory.

**Member observations:** Members shared observations of the recent Aurora Borealis, Comet, Italian satellites, and the ISS.

**Member inquiry:** None.

**Meeting adjourned:** by President Cathy Loboda at 3:35 p.m.

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## Recently Received Fortune Cookie Message

By Glenn R. Cameron



## Successful Maintenance Day at ACA Observatory

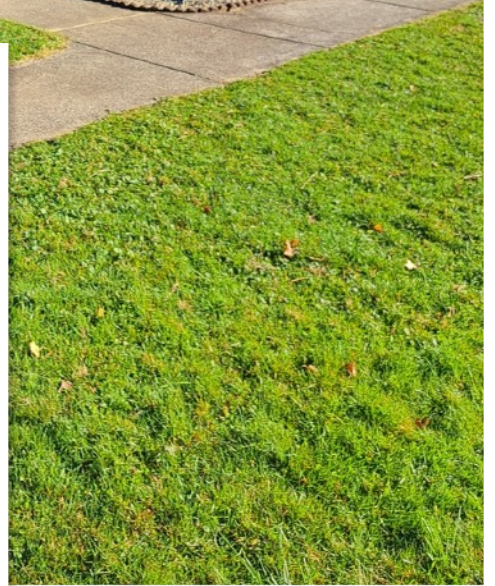
By Ron Kalinoski

We had a very successful Maintenance Day at our observatory on Monday, October 28th. Our maintenance team weeded all around the observatory grounds and building, installed four new T1-11 panels on the observatory west wall, and vacuumed the observatory building floor.

Thanks to our Fantastic Maintenance Crew: Ed Riegler, Gary Ciesielczk, Ed Kotapish, and Dean Philips.

You guys really made our observatory look good!







# 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](http://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](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).

### **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.

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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](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.

**October 2024 ACA Treasurer's Report**  
**By Dave Hartsook**  
**11/1/2024**

<b>Checking Beginning Balance</b>	<b>\$ 2,451.35</b>
<b>Income</b>	
Membership Dues	\$ 280.00
Donations	\$ 45.00
Paypal fee calc overage	\$ 0.06
<b>Total Income</b>	<b>\$ 325.06</b>
<b>Expenses</b>	
Minuteman Press - ACA Logo Cards & Envelopes	\$ (37.48)
<b>Total Expenses</b>	<b>\$ (37.48)</b>
<b>Income Less Expenses</b>	<b>\$ 287.58</b>
<b>Checking Ending Balance</b>	<b>\$ 2,738.93</b>
<b>Savings Beginning Balance</b>	<b>\$ 1,969.09</b>
Interest Income	\$ 0.02
<b>Savings Ending Balance</b>	<b>\$ 1,969.11</b>
<b>Petty Cash Beginning Balance</b>	<b>\$ 50.00</b>
No Activity	
<b>Petty Cash Ending Balance</b>	<b>\$ 50.00</b>
<b>Grand Total</b>	<b>\$ 4,758.04</b>



# Proposed Changes to the ACA Bylaws

## To be voted on at the November 17, 2024 Membership Meeting

### Article II Section 2

Honorary Member – A member who has conferred upon him or her a lifetime membership by a majority vote of the Executive Board. A maximum of one Honorary membership could be conferred per calendar year. He or she shall have all the rights and privileges of regular Adult membership **except for the right to hold office, elective or appointive.** He or she shall receive the same publications as an Adult member. He or she shall not be required to pay club dues.

**Action:** To be deleted

**Rationale:** Some of our most active and dedicated members become honorary members and should not be denied service on the ACA Board.

### Article V Section 4

No member shall hold more than one elective office at a time with the exception of the immediate past President, who may hold one new office in addition to being past President. However, voting shall follow the rule: one person, one vote. **No member shall serve for more than four (4) consecutive terms in the same elective office.** Outgoing officers must promptly turn over all materials associated with their former position to the appropriate newly elected officers.

**Action:** Amend to read No member shall serve for more than four (4) consecutive terms in the same elective office unless there is no contending member to fill the elective office.

**Rationale:** Elective offices are at times difficult to fill. Members willing to take on responsibilities of an elective office should not be denied the opportunity to continue service.

### Article VII Section 4

The Executive Board shall meet **not less than once each quarter.**

**Action:** Amend to read The Executive Board shall meet not less than twice yearly. Additional meetings shall be held as needed.

**Rationale:** Many times there is no agenda requiring action or discussion by the Board.

**Note:** Bylaws require a 3/4 majority vote of the voting membership. Please plan on attending the November 17<sup>th</sup> meeting to vote for the proposed changes.

**Article XI, SECTION 2:** These Bylaws, and all amendments thereto, are also subject to change or, alternatively, to recall at any time by petition of the majority of the voting membership, a three fourths (¾) majority vote of the voting membership to make such action effective.

## November Astronomical Events

Date	GMT (h:m)	Event
01	12:47	NEW MOON
03	07:37	Mercury 2.1°N of Moon
04	00:26	Antares 0.1°N of Moon
05	00:16	Venus 3.1°N of Moon
05	06:00	S Taurid Meteor Shower
09	05:56	FIRST QUARTER MOON
10	04:22	Mercury 2.0°N of Antares
11	01:36	Saturn 0.1°S of Moon: Occn.
12	06:00	N Taurid Meteor Shower
12	15:59	Moon at Ascending Node
14	11:18	Moon at Perigee: 360110 km
15	21:29	FULL MOON
16	06:59	Pleiades 0.1°S of Moon
16	08:00	Mercury at Grtst Elong: 22.5°E
17	03:00	Uranus at Opposition
17	12:00	Leonid Meteor Shower
20	02:07	Pollux 1.9°N of Moon
20	21:07	Mars 2.4°S of Moon
22	20:48	Regulus 2.7°S of Moon
23	01:28	LAST QUARTER MOON
25	21:31	Moon at Descending Node
26	11:56	Moon at Apogee: 405315 km
27	11:33	Spica 0.4°S of Moon



## December Astronomical Events

Date	GMT (h:m)	Event
01	06:21	NEW MOON
04	22:40	Venus 2.3°N of Moon
06	02:00	Mercury at Inferior Conj
06	14:00	Mercury at Perihelion
07	20:00	Jupiter at Opposition
08	08:49	Saturn 0.3°S of Moon: Occn.
08	15:27	FIRST QUARTER MOON
09	19:36	Moon at Ascending Node
12	13:18	Moon at Perigee: 365360 km
13	17:13	Pleiades 0.1°S of Moon
14	01:00	Geminid Meteor Shower
15	09:02	FULL MOON
17	12:12	Pollux 2.0°N of Moon
18	08:46	Mars 0.9°S of Moon: Occn.
20	05:37	Regulus 2.5°S of Moon
21	09:20	Winter Solstice
22	10:00	Ursid Meteor Shower
22	22:18	LAST QUARTER MOON
22	23:21	Moon at Descending Node
24	07:25	Moon at Apogee: 404486 km
24	19:28	Spica 0.2°S of Moon
25	02:00	Mercury at Grtst Elong: 22.0°W
28	14:37	Antares 0.1°N of Moon
30	22:27	NEW MOON



## Swap-n-Shop

Glenn Cameron

Email: [glenn@cameronclan.org](mailto: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](http://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](mailto: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



# ***The Night Sky***

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](http://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](http://www.acaoh.org)