



The Night Sky

The Newsletter of
The Astronomy Club of Akron
www.acaoh.org

Volume 38 Number 11

November 2016

Next Meeting: Friday - November 18, 2016 - 8:00 PM - New Franklin

The Presidents Column

By Cathy Loboda

This year the ACA Board made a conscientious effort to offer members special events that give opportunities to enjoy each other's company as we continue to strengthen relationships with fellow astronomy enthusiasts. Please make attending these events a priority, as the effort and time spent in planning them was put forth with you in mind.

In October a small contingency from ACA enjoyed a tour of Allegheny Observatory in Pittsburgh. Those in attendance enjoyed the evening as our guide kept us entertained with historical stories while he interjected much information about the observatory and its changing roles through the decades. Clear skies allowed us the opportunity to view celestial objects through the observatory's 13 inch Fitz-Clark Refractor.

As we look ahead, the next event planned for members this fall is our member star party at Salt Fork State Park. Members can visit our club website for general information and maps, and emails with specific details will be given as more information becomes available. Please remember, as with any other star party, we are at the mercy of Ohio weather. Let's hope the weather gods will grace us with clear skies.

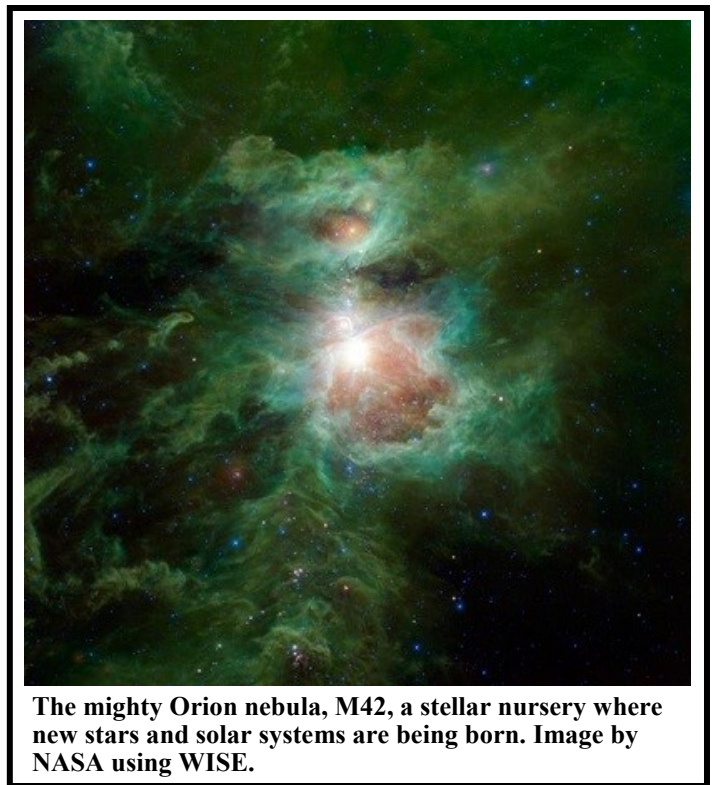
The ACA winter event is a members' night out to dinner. The Galaxy in Wadsworth is the destination for an evening of good friends and good food on Saturday, February 4th. Time of the event is forthcoming.

The warmer weather of spring prompts the ACA board to plan an event for members to observe under dark skies. The board is looking into a trip in May to Warren Rupp Observatory in Hidden Hollow near Mansfield. Details will be coming soon.

Spring and summer bring hosts of star parties by ACA and also a number of Ohio Turnpike Astronomers Association club events worth attending. The ACA Board will pass details on to you as soon as they become available.

To keep up-to-date on all ACA member events, visit our website regularly, check for emails from the ACA mail list, and attend monthly club meetings!

*Article By Cathy Loboda
ACA President*



The mighty Orion nebula, M42, a stellar nursery where new stars and solar systems are being born. Image by NASA using WISE.

OFFICERS 2016 – 2018

President

Cathy Loboda
Phone: 330-655-2923 E-mail: cnloboda@aol.com

Vice President

Dave Jessie
Phone: 330-688-9043 E-mail: DJessie@neo.rr.com

Treasurer

Nick Mihiylov
Phone: E-mail: nmihylov@aol.com

Secretary

Lew Snodgrass
Phone: 330-867-4800 E-mail: CHRPLY@aol.com

Assistant Secretary/Treasurer

Ann Ferrell
Phone: 330-697-7279 E-mail: annhagemaster@gmail.com

Observatory Director

Ron Kalinoski
Phone: 330-837-5848

ACA Webmaster

Dave Jessie
Phone: 330-688-9043 E-mail: DJessie@neo.rr.com

Publications Secretary - Editor, Night Sky Newsletter

Marissa Fanady
Phone: 330-531-2443 E-mail: speedymissy@yahoo.com

Trustee

Fred Huffman
E-mail: trusstube2@gmail.com

Trustee

Gregg Crenshaw
E-mail: rigelstarman@gmail.com

Trustee

Statutory Agent

Mark Kochheiser
Phone: 330-882-3713 E-mail: mkochheiser@neo.rr.com

OTAA Representative

Lou Poda

October Treasurer's Report

By Nick Mihiylov

10/1/2016 Through 10/31/2016

Checking Beginning Balance	\$1,522.80
Income	
Membership Dues	235.52
Total Income	\$235.52
Expenses	
Speakers Dinner	-38.03
MetiSentry Quarterly Payment	-57.81
MetiSentry Upcharge For Additional Bandwidth - 2 Qtrs	-60.00
Total Expenses	-155.84
Income Less Expenses	-\$79.68
Checking Ending Balance	\$1,602.48

Savings Beginning Balance	\$2,566.04
Earned Interest	0.04
Savings Ending Balance	\$2,566.08

Petty Cash Beginning Balance	\$50.00
	0.00
Petty Cash Ending Balance	\$50.00

Petty Cash	50.00
Savings	2,566.08
Checking	1,602.48
Grand Total	\$4,218.56

Article by Nick Mihiylov
ACA Treasurer.

SWAP & SHOP



FOR SALE:

Orion Sirius 40mm Plossl

Asking: \$25

Contact: Glenn Cameron

Phone: 330-737-1472

Email: glenn@cameronclan.org

FOR SALE:



Televue Radian 12 mm Eyepiece

- Excellent condition.

Asking: \$180 (cash)

Contact: Fred Fry

Email:

riverfry@gmail.com

FOR SALE:



Televue Radian 18 mm Eyepiece

- Excellent condition.

Asking: \$180 (cash)

Contact: Fred Fry

Email:

riverfry@gmail.com

FOR SALE:

Celestron CPC Deluxe 800 HD Telescope with tripod.

Accessories:

- Celestron 1.25" eyepiece and filter kit.
- Tele Vue nebula filter.
- Celestron UHC/LPR filter.
- Celestron 15mm 1.25" 82 degree wide field eyepiece.
- Stellarvue 1.25" Dielectric Diagonal.
- Stellarvue 1.25" erecting prism.
- Celestron power tank and dew shield.
- Astrozap sun filter.
- Celestron AC adaptor.
- JMI custom hard shell case for telescope.

All 8 months old, brand new condition.

Asking: \$2200

Contact: Jim Hall

Phone: 330-268-8695

FOR SALE:



Pentax XW 20mm Eyepiece

- Excellent condition.
- Small mark on 1.25" barrel.
- Always used in a compression clamp.

Asking: \$220 (cash)

Contact: Fred Fry

Email: riverfry@gmail.com

FOR SALE:

Celestron NexStar 8i computerized to go 8" F/10 Schmidt-Cassegrain

Focal length 2032 mm with 406x highest useful power.

Includes:

- GPS module.
- Five multicoated Plössl eyepieces.
- 2X Barlow lense.
- Seven filters.
- A/C adaptor.
- Night vision flash.
- Celestron star pointer.

All rarely used and in new condition.

Cost \$1,689 new.

Asking: Best Offer

Contact: Nick Bade

Email: nb@tribco.com

Phone: 216-486-2000 weekdays and

440-585-8687 evenings and weekends.

Advertise in the Swap n Shop!

Send a picture of
your **ASTRONOMY
RELATED** item and
relevant information
to the newsletter
editor:

speedymissy@yahoo.com

Observatory Report

By Ron Kalinoski



Homeschool student observes Herschel's Double Cluster through 16" observatory telescope. Image by ACA member Ron Kalinoski.

with perfect skies and a 5-day old Moon that was in the sky for about half of the star party. We had a very good turnout of stargazers to view Moon, Neptune, Uranus, Andromeda Galaxy, ET Cluster, Cat's Eye Nebula, Blue Snowball, M15, M2, M11, and more.

Special Thanks goes out to Gary and Amy Ciesielczyk who spent many weeks finishing our fence. Gary & Amy finished staining half of the pickets and all of the posts and cross members followed by mounting all of the pickets. What a great job they did! Thanks!



North Fence. Image by ACA member Ron Kalinoski.



South Fence. Image by ACA member Ron Kalinoski.

*Article By Ron Kalinoski
ACA Observatory Director*

ACA Meeting Minutes October 28, 2016

Venue: New Franklin City Hall.

Attendance: 24

8:01: Minor technical glitch in the projector; Mark Koehiser to the rescue!

Guest speaker: 8:12 Dr. Luck, CWRU. "The Milky Way" Concluded: 9:19.

Break: 9:20-9:35 Glenn Cameron provided the cookies.

Business Meeting called to order at 9:36 by Cathy Loboda.

Nick: Treasurer's Report. 57 paid memberships, Bank total, \$4,176.55.

Lew: Secretary's Report: Reading of the September ACA minutes.

Dave Jessie: Noted the moving of our web-site, (Now killer fast). Dave introduced the club to budget eclipse glasses. Dave offered thanks to Gregg Crenshaw for the reference to CISNET. A mention that Glenn Cameron owns the domain acaoh.org.

Old Business: Jim Watson's report on sun spots in radio and white light in collaboration with Dave Jessie. The field trip was a success to Allegheny Observatory near Pittsburgh. All reserved spots were not used.

New Business: Our next meeting will be November 18, due to the thanksgiving holiday.

Mini Maker Fair at the downtown Akron Public Library, Saturday Nov. 12, 1-4 pm. akronpubliclibrary.com for more info.

Freddy: Nov.19, Salt Fork Lodge star party. Dress warm, use the beach parking lot off of Rt. 22.

The ACA club dinner: At the Galaxy in Wadsworth, Saturday Feb. 4th. Freddie says we need to get a head count, more info to follow.

Gregg Crenshaw: A possible spring star party, at the Warren Rupp Observatory, at Hidden Hollow.

Meeting adjourned at 10:13.

*Lew Snodgrass
ACA Secretary*

ACA NEWS AND NOTES

MARK YOUR CALENDARS

A members' star party at Salt Fork State Park is scheduled in November and a members' dinner at Galaxy in Wadsworth is scheduled on Saturday, February 4th. Please support ACA club events.

Meeting Refreshments

The ACA Board still needs two volunteers to provide simple refreshments for our spring monthly meetings. This break between speaker and membership meeting is a valuable time to chat with the speaker or friends as we refresh and build bonds. We need volunteers to commit to the April and May monthly meetings in order to cover our meeting calendar year. Contact President Cathy Loboda at cnloboda@aol.com to volunteer.

November 18, 2016 - General Membership Meeting



Speaker: Dr. Jay Reynolds, Cleveland State University Researcher and Instructor, and President of the Cleveland Astronomical Society

Presentation: Amazing Pluto & The Dusk of Dawn. Jay Reynolds of Cleveland State University will present amazing discoveries of Vesta and Pluto! The latest discoveries from NASA's New Horizon mission shows what's new from one of the most interesting worlds ever explored! The spacecraft helped us to realize that the surface of Pluto is very young and its atmosphere more complex than ever thought. Reynolds will also offer some the final images and thoughts from Ceres, as the DAWN Mission takes its final bow. Some photos will be in 3D and require special glasses that will be provided.

About our speaker: He serves as a Research Astronomer at Cleveland State University, co-hosts on WKYC's "In The Sky" with Jay Reynolds & Greg Dee, has been a contributing scientist to both Deep Impact & DAWN Asteroid Missions and he is a regular contributor to 3 radio & 6 television stations. Fox 8 has referred to him as "our area's most visible scientist"

New Alternate Meeting Location!!!

New Franklin City Hall
5611 Manchester Road
Akron, OH 44319

Please note that we ALWAYS encourage the public to attend ANY of our events, including meetings. Come and enjoy the lecture and talk to us about astronomy!

November Astronomical Events

Day Hour(UT)

2 19 Saturn 4°S. of Moon
3 04 Venus 7°S. of Moon
6 12 Mars 5°S. of Moon
7 20 FIRST QUARTER
9 15 Neptune 1° .0S. of Moon Occn.
12 11 Uranus 3°N. of Moon
14 11 Moon at perigee
14 14 FULL MOON
15 17 Aldebaran 0° .4S. of Moon Occn.
18 21 Mercury 3°N. of Antares
20 10 Neptune stationary
21 09 LAST QUARTER
25 02 Jupiter 1° .9S. of Moon
27 20 Moon at apogee
29 12 NEW MOON
29 20 Juno in conjunction with Sun

December Astronomical Events

Day Hour(UT)

1 04 Mercury 7°S. of Moon
3 04 Vesta stationary
3 13 Venus 6°S. of Moon
5 11 Mars 3°S. of Moon
6 22 Neptune 0° .7S. of Moon Occn.
7 09 FIRST QUARTER
9 20 Uranus 3°N. of Moon
10 12 Saturn in conjunction with Sun
11 05 Mercury greatest elong. E.(21°)
12 23 Moon at perigee
13 05 Aldebaran 0° .5S. of Moon Occn.
14 00 FULL MOON
15 07 Ceres stationary
18 19 Regulus 1° .0N. of Moon Occn.
19 07 Mercury stationary
21 02 LAST QUARTER
21 11 Solstice
22 17 Jupiter 2°S. of Moon
25 06 Moon at apogee
27 21 Saturn 4°S. of Moon
28 19 Mercury in inferior conjunction
29 07 NEW MOON
29 16 Uranus stationary

*Information Credited,
Her Majesty's Nautical Almanac Office,
United Kingdom Hydrographic Office,
US Naval Observatory.*

The Night Sky

Newsletter of the Astronomy Club of Akron

c/o Marissa Fanady, Editor

443 Fernwood Ave.

Tallmadge OH, 44278

The Astronomy Club of Akron

c/o Nick Mihiylov

13495 Mogadore Avenue NW

Uniontown, Ohio 44685-9347

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

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.

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,