



# The Night Sky

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

Volume 40 Number 10

October 2018

Next Meeting: Friday - October 26, 2018 - 8:00 PM - New Franklin

## ACA NEWS AND NOTES OCTOBER 2018

### **Star Parties**

ACA scheduled star parties are now on a winter hiatus. Thanks to Ron Kalinoski for serving as the observatory director, scheduling the star parties and working with the public during this worthy club outreach. Keep an eye on your email. Ron will continue to offer impromptu observing events at the ACA observatory as weather permits and will announce the events via email.

### **ACA Meetings**

Our next ACA membership meeting is scheduled for 8:00 p.m. on Friday, October 26th at New Franklin City Hall. NASA Aerospace Engineer Matt Melis will deliver his presentation entitled "Shuttle Columbia Accident: What Really Happened?" Mark your calendars and plan to attend!

### **Membership Dues**

The membership fees for 2018-19 were due in September. If you have not yet joined or renewed your membership, please mail your dues directly to treasurer Nick Mihiylov at:

The Astronomy Club of Akron  
c/o Nick Mihiylov  
13495 Mogadore Avenue NW  
Uniontown, Ohio 44685-9347

Membership dues pays for observatory maintenance and insurance, dinner for our guest speakers, the membership picnic entree, pavilion fees, and any costs incurred in support of our outreach programs. Your membership is needed and much appreciated!

### **Members Social**

Our next ACA Members Social is a gathering for Sunday Brunch at The Galaxy Restaurant on January 20, 2019. Mark your calendars now for this popular social event!

### **Meeting Refreshments**

ACA still needs 3 volunteers to cover meeting refreshments for November 16th, February 22nd, and April 26th. Contact President Cathy Loboda via email if you would like to commit: [cnloboda@aol.com](mailto:cnloboda@aol.com)

## OFFICERS 2018 – 2020

### President

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

### Vice President

Justin Phillips  
Phone: E-mail:

### Treasurer

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

### Secretary

Terry Taylor  
Phone: E-mail:

### 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

Gregg Crenshaw  
E-mail: rigelstarman@gmail.com

### Trustee

Susan Swift  
E-mail: swiftsm@windstream.net

### Trustee

Connie Tighe  
E-mail: contighe@hotmail.com

### Statutory Agent

Mark Kochheiser  
Phone: E-mail:

### OTAA Representative

Lou Poda

## September Treasurer's Report

By Nick Mihiylov

9/1/2018 Through 9/30/2018

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|  |                   |
|--|-------------------|
| Checking Beginning Balance   | \$866.53          |
| <b>Income</b>  |                   |
| Memberships  | 325.00            |
| <b>Total Income</b>  | <b>\$325.00</b>   |
| <b>Expenses</b>  |                   |
| Check #1223 for<br>\$197.16 not cleared yet.<br>Reimbursement for Club<br>Picnic | -0.00             |
| <b>Total Expenses</b>  | <b>-0.00</b>      |
| <b>Income Less Expenses</b>  | <b>\$325.00</b>   |
| Checking Ending Balance  | \$1,191.53        |
| <hr/>  |                   |
| Savings Beginning Balance  | \$2,566.96        |
| Earned Interest  | 0.04              |
| <b>Savings Ending Balance</b>  | <b>\$2,567.00</b> |
| <hr/>  |                   |
| Petty Cash Beginning Balance   | \$50.00           |
|  | 0.00              |
| <b>Petty Cash Ending Balance</b>   | <b>\$50.00</b>    |
| <hr/>  |                   |
| Petty Cash   | 50.00             |
| Savings  | 2,567.00          |
| Checking   | 1,191.53          |
| <b>Grand Total</b>   | <b>\$3,808.49</b> |

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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

# October 26, 2018 - General Membership Meeting

**Speaker:** Dr. Matt Melis, NASA Aerospace Engineer, Glenn Research Center.

**Presentation:** "Shuttle Columbia Accident: What Really Happened?" Matt Melis NASA Aerospace engineer, worked on the Columbia Accident Investigation. He will provide a behind-the-scenes perspective on the investigation and a detailed look into the inner workings of the Space Shuttle, and NASA's Return to Flight programs.

## 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!

*Article By Ann Ferrell  
ACA Assistant Secretary/Treasurer*

## October Astronomical Events

Day Hour(UT)  
2 10 LAST QUARTER  
5 04 Venus stationary  
5 18 Mercury 2° N. of Spica  
5 22 Moon at perigee  
7 10 Ceres in conjunction with Sun  
9 04 NEW MOON  
10 15 Venus 13° S. of Moon  
11 21 Jupiter 4° S. of Moon  
14 15 Mercury 7° N. of Venus  
15 03 Saturn 1° 8 S. of Moon  
16 18 FIRST QUARTER  
16 18 Juno stationary  
17 19 Moon at apogee  
18 13 Mars 1° 9 S. of Moon  
20 22 Neptune 3° N. of Moon  
24 01 Uranus at opposition  
24 13 Uranus 5° N. of Moon  
24 17 FULL MOON  
26 14 Venus in inferior conjunction  
30 04 Mercury 3° S. of Jupiter  
31 17 LAST QUARTER  
31 20 Moon at perigee

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

## November Astronomical Events

Day Hour(UT)  
6 02 Venus 10° S. of Moon  
6 15 Mercury greatest elong. E. (23° )  
7 16 NEW MOON  
9 06 Mercury 1° 8 N. of Antares  
9 12 Mercury 7° S. of Moon  
11 16 Saturn 1° 5 S. of Moon  
12 18 Pluto 0° 9 S. of Moon Occn.  
14 03 Venus stationary  
14 16 Moon at apogee  
15 15 FIRST QUARTER  
16 04 Mars 1° 0 N. of Moon Occn.  
17 05 Mercury stationary  
17 06 Neptune 3° N. of Moon  
17 22 Juno at opposition  
20 20 Uranus 5° N. of Moon  
23 06 FULL MOON  
25 08 Neptune stationary  
26 07 Jupiter in conjunction with Sun  
26 12 Moon at perigee  
27 09 Mercury in inferior conjunction  
30 00 LAST QUARTER

## ACA Meeting Minutes September 28, 2018

The meeting began at 8 p.m. with 23 in attendance. Our speaker and friend to the ACA, Jay Reynolds, presented "Journey to Another Solar System". Dr. Reynolds is a research astronomer with Cleveland State University and always has an engaging program.

**Business Meeting:** Thank you President Cathy Loboda for making HOMEMADE pumpkin drop cookies, peanut butter cookies, and brownies. So delicious. First order of business was the Treasurer's report which was accepted as published in our news and notes. Dues are due! Several membership dues were collected by Asst. Treasurer Ann Ferrell and forwarded to our Treasurer, Nick Mihilov.

**Astronomical League Report:** Gregg Crenshaw reviewed recent educational materials available through the league and we discussed the September issue "The Reflector" magazine available in digital or paper form.

**Annual Winter Feed Festival:** Please add a note to you calendar for Sunday January 20, 2019 at the Galaxy Restaurant. Time?

**Outreach Programs/Requests:** Observatory Director Ron Kalinoski will coordinate future outreach requests. Let Ron know if you are willing and able to attend an outreach program with a telescope and help with a program.

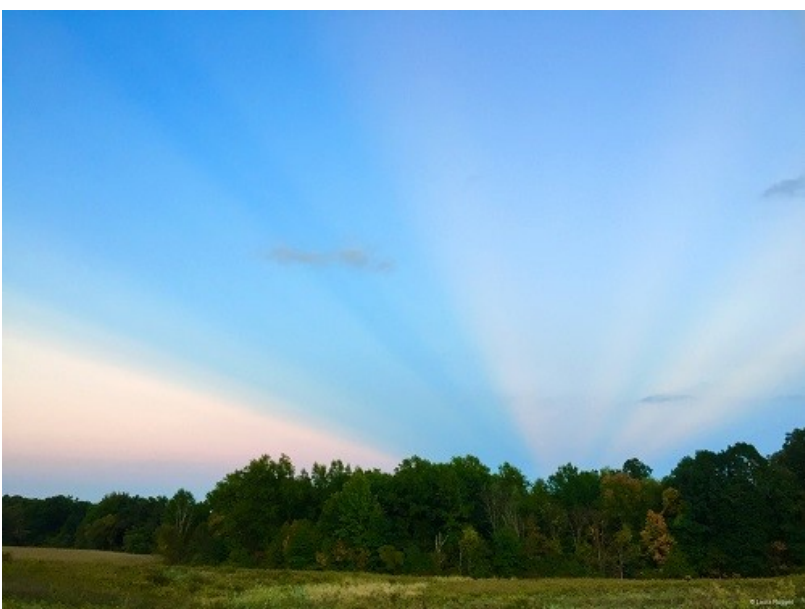
**Clay's Park snafu:** No One's Error! There was a mix in communication with the program chair of the event and we are working to resolve and perhaps set a new date for another event at the Clay's Park.

**Observatory Signs** are being created by Sign Made. In the mean time, James Watson will create signs for the observatory. Thank you as always James.

**Eagle Scouts Project:** Currently no one has been in contact with the Scouts. Trustee Susan Swift suggested a much needed clean up day at the Observatory. Susan and Ron will spearhead the observatory paint and clean up project for a day in October.

**Observations:** Marnie and Mike Sanders gave an account of their trip to the McDonald Observatory in Texas. Gregg Crenshaw visited the Hocking Hills John Glenn State Park known for Dark Skies, during the Persied shower on October 12th. A Mars star party is coming up soon per Ron Kalinoski.

Meeting concluded around 10 p.m.



### Photo Submission

We had a photo submitted to the ACA by a non member, Laura Ruggeri, of a stunning display of anticrepuscular rays during a sunset. Recently the sunsets have been quite active and beautiful. At the September club meeting members mentioned seeing a red horizon during another sunset that spanned a full one hundred and eighty degrees along the horizon. I unfortunately missed this show but I have been observing some pretty spectacular sunsets. Remember that the daytime can offer some wonderful and magical views of the sky as well and you don't need a telescope to observe such beautiful events. Watch the skies!

Anticrepuscular rays in North Canton, OH, Monday, October 8, 2018 (Photo by Laura Ruggeri)

# *The Night Sky*

Newsletter of the Astronomy Club of Akron

c/o Marissa Fanady, Editor

1714 Toepfer Rd.

Akron OH, 44312

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## 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](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.

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),