



The Night Sky

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

Volume 42 Number 1

January 2020

Next Meeting: Friday - January 24, 2020 - 8:00 PM - New Franklin

ACA NEWS AND NOTES JANUARY 2020

ACA Meetings

Our next ACA membership meeting is scheduled for 8:00 p.m. on Friday, January 24th at New Franklin City Hall. Phil Creed, amateur astronomer and astro-photographer, is giving a presentation entitled "Refractors- A Glass Act." Mark your calendars and plan to attend! A heartfelt thank you to Michele McNeal for volunteering to provide refreshments for the January meeting.

Members Social

Our next ACA Members Social is a gathering for Sunday Brunch at The Galaxy Restaurant on Sunday, February 9th. Here are the details:

What: Members' Social
RSVP before February 1st to cnloboda@aol.com

When: Sunday, February 9th
12:30 pm

Where: Galaxy Restaurant
201 Park Centre Dr.
Wadsworth

The event manager has booked ACA in the Cellar Room. It is an intimate setting merely steps away from the main room buffet. Please RSVP before February 1st to secure seating. ACA will need 20 attendees to reserve the room without fees.

If you RSVP to attend, please make every effort to do so. If less than 20 members are attending, the social will take place, but ACA will be seated in the buffet main dining room.

May Elections

A new slate of officers is being prepared for the April 2020 elections. Nominating committee members Ron Kalinoski, Susan Swift, and Ann Ferrell are asking members who are willing to serve ACA in this important capacity to please contact them. The slate must be presented to members at the March meeting. Voting takes place during the April meeting and our new officers begin their term on May 1st. Please consider serving on the ACA Board!

January 24, 2020 - General Membership Meeting



Speaker: Phil Creed, Past President of the Wilderness Center Astronomy Club

Presentation: "Refractors - A Glass Act" This program will cover the history of refractors, their strengths and weaknesses, and current market trends.

About the Speaker: Phil Creed is a lifelong amateur astronomer from Stark County, and a 1997 graduate of The University of Akron. He has observed over fifty comets but his main level of expertise is in visual deep-sky observing, particularly in remote locations further south in Ohio and West Virginia. Phil has had articles on sky transparency and weather's effect on astronomy published in "Sky & Telescope" magazine. Lately, Phil has turned to astrophotography at which he has become quite successful! Phil last spoke to the ACA on February 26, 2016 when he gave a presentation on eyepieces titled "Ocularology - Historical and Modern Eyepiece Designs"

Meeting Location:

New Franklin City Hall
5611 Manchester Rd.
New Franklin 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!

January Astronomical Events

Day Hour(UT)

01 00 Venus 34.6° E
01 20 Moon Apogee 20:30
02 23 First Quarter 23:45
04 03 Quadrantids 03:38
05 04 Perihelion 04:59
09 18 Moon A Node 18:29
10 01 Moon N Dec 01:03
10 10 Mercury Super 10:01
10 14 Pen Lunar Ec 14:10
10 14 Full Moon 14:21
11 18 Moon-Beehive 18:54
13 09 Saturn Sun 09:23
13 15 Moon Perigee 15:20
17 07 Last Quarter 07:58
17 18 Mars-Antares 18:03
20 14 Moon-Mars 14:13
22 15 Moon D Node 15:31
22 21 Moon-Jupiter 21:42
22 22 Moon S Dec 22:37
24 16 New Moon 16:42
28 02 Moon-Venus 02:29
29 16 Moon Apogee 16:28

Sky Events Calendar by Fred Espenak and Sumit Dutta (NASA's GSFC)

February Astronomical Events

Day Hour(UT)

01 00 Venus 40.4° E
01 20 First Quarter 20:42
06 03 Moon A Node 03:59
06 11 Moon N Dec 11:10
08 05 Moon-Beehive 05:16
09 02 Full Moon 02:33
10 08 Mercury East 08:59
10 15 Moon Perigee 15:30
15 17 Last Quarter 17:17
18 08 Moon-Mars 08:18
18 19 Moon D Node 19:12
19 03 Moon S Dec 03:58
19 14 Moon-Jupiter 14:36
20 08 Moon-Saturn 08:47
23 10 New Moon 10:32
25 20 Mercury Infer 20:37
26 06 Moon Apogee 06:35
27 06 Moon-Venus 06:51

Sky Events Calendar by Fred Espenak and Sumit Dutta (NASA's GSFC)

Observatory Report



The Girl Scouts of Canal Fulton visited the observatory on November 26, 2019. ACA hosted a slide show presentation on Astronomy and a tour of the observatory for the girls. The skies were too cloudy to observe the stars that evening. Image by Ron Kalinoski.

OFFICERS 2018 – 2020

President

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Statutory Agent

Mark Kochheiser
Phone: E-mail:

OTAA Representative

Lou Poda

November Treasurer's Report

By Nick Mihiylov

11/1/2019 Through 11/30/2019

Checking Beginning Balance	\$2,095.34
Income	
Memberships	60.18
Total Income	\$60.18
Expenses	
Total Expenses	-0.00
Income Less Expenses	\$60.18
Checking Ending Balance	\$2,155.52
<hr/>	
Savings Beginning Balance	\$2,567.56
Earned Interest	0.04
Savings Ending Balance	\$2,567.60
<hr/>	
Petty Cash Beginning Balance	\$50.00
	0.00
Petty Cash Ending Balance	\$50.00
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Petty Cash	50.00
Savings	2,567.60
Checking	2,155.52
Grand Total	\$4,773.12

Article by Nick Mihiylov
ACA Treasurer.

OFFICERS 2018 – 2020

President

Cathy Loboda
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Statutory Agent

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OTAA Representative

Lou Poda

December Treasurer's Report

By Nick Mihiylov

12/1/2019 Through 12/31/2019

Checking Beginning Balance	\$2,155.52
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Income

Memberships	60.00
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Ck#1244 Ann Ferrell	-52.26
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Speaker Dinner Reimbursement	
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Donation	100.00
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Total Income	\$107.74
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Expenses

Total Expenses	0.00
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Income Less Expenses	\$107.74
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Checking Ending Balance	\$2,263.26
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Savings Beginning Balance	\$2,567.56
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Earned Interest	0.04
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Savings Ending Balance	\$2,567.60
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Petty Cash Beginning Balance	\$50.00
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	0.00
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Petty Cash Ending Balance	\$50.00
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Petty Cash	50.00
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Savings	2,567.60
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Checking	2,263.26
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Grand Total	\$4,880.86
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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:

mfanady@yahoo.com

The Night Sky

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2993 Midway Ct.
Akron OH, 44319

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,