



The Night Sky

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

Volume 40 Number 5

May 2018

Next Meeting: Friday - May 25, 2018 - 8:00 PM - Kiwanis Center

ACA News and Notes April 2018

ACA Meetings

The final ACA membership meeting before summer break is scheduled for 8:00 p.m. on May 25th at Portage Lakes Kiwanis Center. The Kiwanis Center is located at 725 Portage Lakes Drive, Akron. Our guest speaker will be ACA member Jim Watson. Refreshments will be provided by Ann Ferrell. Thanks, Ann!! Hope to see you all at the meeting.

Members Social

ACA members mark your calendars! Our annual ACA summer picnic is scheduled for Sunday, August 26th at the Big Oaks Shelter in Portage Lakes State Park. The picnic is scheduled for 3:00 p.m. ACA will provide the burger and dogs. Members attending will bring a dish to share. RSVP to President Cathy Loboda at cnloboda@aol.com before August 15th if you plan to attend. Note in your email the number in your family attending and what you plan to bring to the annual potluck picnic.

Star Parties

Upcoming Star Parties are scheduled for June 9th and 16th at 9:00 p.m. Stop in at the ACA Observatory and support these outreach events!

The Astronomical League

At the March ACA meeting, members voted to join The Astronomical League for an annual fee of \$10. This allows individual ACA members to join the league for an annual fee of \$7.50. Joining gives the following benefits to members:

Full voting privileges.

The Reflector quarterly newsletter mailed directly to each member.

Liability insurance to protect the society and its officers.

Book Service through which members can buy astronomy-related books at a 10% discount if not already sold through League Sales.

Observing awards for members to work toward, promoting observing and the study of the sky.

If you are interested in joining, please bring your \$7.50 dues to the ACA May meeting. Please note your check is for the Astronomical League. Since dues must be turned in before July, this will be the last opportunity to join the Astronomical League this year.

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

E-mail:

Trustee

Statutory Agent

Mark Kochheiser
Phone: E-mail:

OTAA Representative

Lou Poda

April Treasurer's Report

By Nick Mihiylov

4/1/2018 Through 4/30/2018

Checking Beginning Balance	\$820.59
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Income

Memberships	40.00
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Astronomical League Membership Collections	75.00
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Total Income	\$115.00
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Expenses

Speaker Dinner	-37.00
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Total Expenses	-37.00
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Income Less Expenses	\$78.00
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Checking Ending Balance	\$898.59
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Savings Beginning Balance	\$2,566.76
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Earned Interest	0.04
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Savings Ending Balance	\$2,566.80
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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	2,566.80
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Checking	898.59
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Grand Total	\$3,515.39
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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

Newly Elected Officers

ACA congratulates the following officers who are graciously serving ACA from May 2018 through April 2020:

President: Cathy Loboda
Vice President: Justin Phillips
Secretary: Terry Taylor
Asst. Secretary/Treasurer: Ann Ferrell
Treasurer: Nick Mihiyov
Publication Secretary: Marissa Fanady
Observatory Director: Ron Kalinoski (Appointed)
Trustee: Gregg Crenshaw (Appointed)
Trustee: Connie Tighe (Appointed)
Trustee: Susan Swift (Appointed)
Statutory Agent: Mark Kochheiser
OTAA Representative: Lou Poda

Arts and Humanities Alive Festival

The 2018 AHA! Festival, hosted by Cleveland State University and Playhouse Square is a unique, three-day celebration of arts and humanities showcasing an enjoyable and enlightening array of events. The Fest will include a featured talk by Dr. Jana Levin, astrophysicist, novelist, artist and PBS personality. Famous for her work on black holes and chaos theory, she will speak about how creativity can spring from reaching your limits. The Fest will also include an all-day book fair, music, theatrical performances, and talks from additional authors and public figures, including Kareem Abdul-Jabbar, Dancing with the Stars champion Derek Hough, and activist, award-winning actor and best-selling author Hill Harper. If you are interested in attending, tickets can be purchased at the AHA! Website: <http://www.ahacsu.com>

May 25, 2018 - General Membership Meeting

Speaker: ACA's own Jim Watson.

Presentation: Radio Telescope: "How they work, How they're used, How to build".

About Our Speaker: Jim will discuss the radio telescopes he's personally built and demonstrated at all of the ACA's solar programs. Jim Watson has been an active ACA member for 32 years - since June 1st 1986. Jim has specialized in helping the Club with all manner of electronic designs and construction. Many of our members recall the large electronic control box Jim designed and built that took care of keeping our 12.5" f/8 Observatory reflector tracking properly. That scope & mount now reside in an observatory in Lodi, Ohio at the home of Scott & Diane Horstman, owners of Backyard Observatories who have constructed roll-off-roof observatories all over the country, even for Harvard University. Jim also installed the motor controller for the roll off roof of the ACA observatory when it was built in 1988. In addition, Jim set up multiple color cameras and video screens for the May 10, 1994 Annular Eclipse of the Sun that allowed the Club to show the eclipse, in color, to the hundreds of public that attended the event at our Observatory. Those efforts earned Jim an ACA Honorary Membership status in 1995.

Meeting Location:

**Portage Lakes Kiwanis Civic Center
725 Portage Lakes Dr.
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!

ACA Meeting Minutes April 27, 2018

Venue: Portage Lakes Kiwanis Center.

Attendance: 26.

Guest Speaker: 8:05 Dave Jessie introduces our guest: Brandon Shaw of CWRU. Topic, "Venus in a Lab".

Break: 9:07.

Business Meeting: Called to order at 9:07 by Cathy Loboda.

Secretaries' report: Lew Snodgrass: March meeting minutes online.

Treasurer: Nick: \$3477.35, details online.

Old Business: Warren Rupp Observatory- individual event, (2) members attending. Gregg will represent the ACA at a Signet sponsored event, focusing on learning and development. Gregg restated the cost of joining the Astronomical League: individual: \$7.50, voice vote: Yes to begin with the July cycle. Membership badges, \$4.00 each. Freddie: Mentioned looking into the Isaac Walt Society, Cathy will check it out.

New Business: The ACA picnic is Sunday July 26th, same shelter as last year at Portage Lakes State Park.

ACA officer elections were conducted by ballot. Results are as follows.

President: Cathy Loboda, Vice President: Justin Phillips, Secretary: Terry Taylor, Treasurer: Nick Mihiyov, Observatory Director: Ron Kolinski, Publication Secretary: Marissa Fanady, Trustees: Gregg, Susan, and Connie.

Ron reported the impromptu star party was a success, next star party May 12.

Next month's meeting at the Portage Lakes Kiwanis Club.

Adjourned: at 9:52 by voice vote.

*Lew Snodgrass
ACA Secretary*

ACA Booth at Signet Jewelers

By Gregg Crenshaw



Gregg Crenshaw and his wife Debbie set up a booth at Signet Jewelers Educational Resource Fair May 2, 2018. Gregg and Debbie were able to distribute ACA Observatory schedules and monthly star maps. Gregg also demonstrated how much our solar system's objects differ in size with materials from NASA's Night Sky Network.

Astronomical League

At the May 25, 2018 membership meeting the ACA will once again be collecting Astronomical League (AL) dues for the 2018-2019 fiscal year. Member Society/Club annual fee \$10.00. Annual per member fee \$7.50 due to less than 95% of our members are joining. Also checks should be made out to the Astronomy Club of Akron. You might note on the check that the money is for Astronomical League dues. Gregg Crenshaw, our Astronomical

League Correspondent, will be handing out a questionnaire for members who have paid or are paying AL dues.

May Astronomical Events

Day Hour(UT)

3 17 Venus 7° N. of Aldebaran
4 20 Saturn 1°.7 S. of Moon
6 01 Moon at apogee
6 07 Mars 3° S. of Moon
8 02 LAST QUARTER
8 10 Vesta stationary
9 01 Jupiter at opposition
10 09 Neptune 2° N. of Moon
12 21 Mercury 2° S. of Uranus
13 15 Uranus 5° N. of Moon
13 17 Mercury 2° N. of Moon
15 12 NEW MOON
16 13 Aldebaran 1 °.2 S. of Moon Occn.
17 18 Venus 5° N. of Moon
17 21 Moon at perigee
22 04 FIRST QUARTER
27 18 Jupiter 4° S. of Moon
29 14 FULL MOON

June Astronomical Events

Day Hour(UT)

1 01 Saturn 1°.6 S. of Moon
2 17 Moon at apogee
3 12 Mars 3° S. of Moon
6 02 Mercury in superior conjunction
6 18 Neptune 2° N. of Moon
6 19 LAST QUARTER
9 01 Venus 5° S. of Pollux
10 03 Uranus 5° N. of Moon
13 20 NEW MOON
15 00 Moon at perigee
16 13 Venus 2° N. of Moon
19 12 Neptune stationary
19 20 Vesta at opposition
20 11 FIRST QUARTER
21 10 Solstice
23 19 Jupiter 4° S. of Moon
25 16 Mercury 5° S. of Pollux
27 09 Vesta 0°.3 S. of Moon Occn.
27 13 Saturn at opposition
28 04 Saturn 1°.8 S. of Moon
28 05 FULL MOON
28 14 Mars stationary
30 03 Moon at apogee

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

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Newsletter of the Astronomy Club of Akron

c/o Marissa Fanady, Editor

1134 North 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,