



# The Night Sky

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

Volume 36 Number 10

October 2014

Next Meeting: Friday - October 24, 2014 - 8:00 PM - Kiwanis

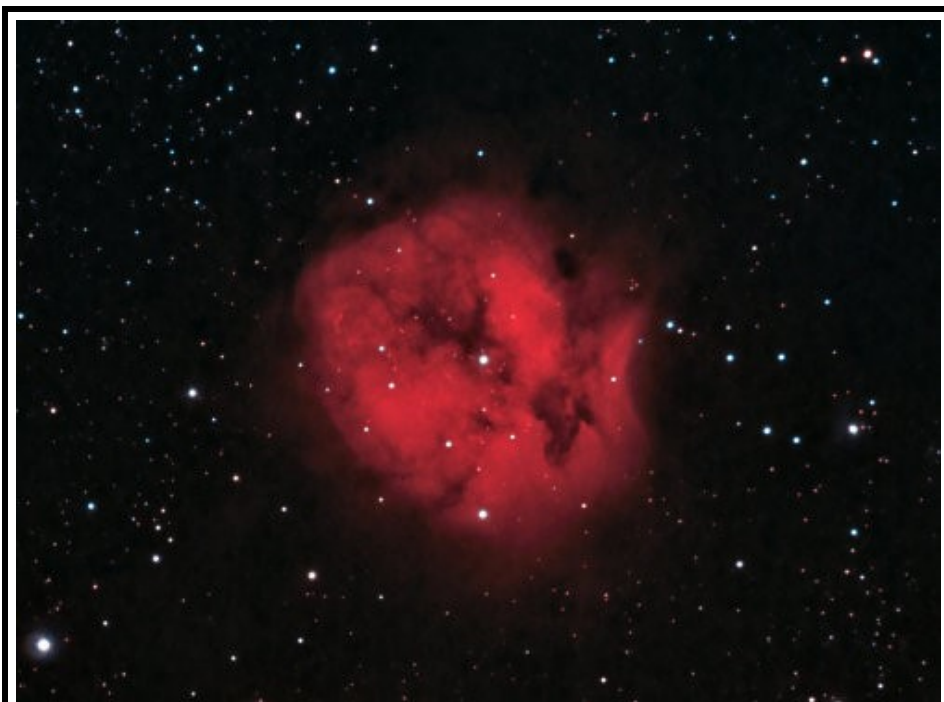
## The President's Column

By John Shulan



What a two weeks we have enjoyed! Clear cool nights and clear skies thanks to a high pressure system; now back to reality with rain and clouds. It just amazes me how many people from all walks of life love astronomy. Dave Richards gave a very interesting program about the Hoover Price planetarium. He said the dilemma in planetariums is whether to stay to traditional science education or "Disney-fy" them and gear it to more entertainment. We as astronomers dealing with the public have it easier because we are "live" in the sense that the public is wowed by seeing a deep space object or planet while the planetarium is a projection. One of the big disconnects is that the planetarium views what we would see without light pollution. The views are becoming so foreign that the public has a problem relating to the show. Light pollution is a whole other discussion. I see our role as amateurs, besides satisfying our own needs of curiosity and challenge, is to help the public understand what is out there in the sky and, to a lesser extent, what we can rarely see.

I have yet to receive ANY ideas for a fund raiser or suggestions as to what the club could or should be



**The Cocoon Nebula (IC 5146) - Nine exposures of 10 minutes each H-alpha and OIII. By ACA Member John Crilly.**

doing. I'd like to think of myself as pretty smart but I am not smart enough to do a good job as club president without your input! Drop me a line, I need your thoughts and ideas!

I visited my daughters school in Howe Indiana. It has a very darks sky but when I visited, I suffered from the Akron curse...clouds and rain! At her school is a 4" Unitron refractor and a very old C-8. The Unitron is a big monster that is operational on a manual German equatorial mount.

The C-8 is in excellent condition considering it's age. The optics were almost looking like new and the RA motor works. I think I have given the staff and students a new desire to use the C-8 for planetary and basic deep space use. It is usually very clear and dark there, but again I brought Ohio weather with me.

Clear skies (soon I hope),  
John

*Article by John Shulan,  
ACA President.*

## OFFICERS 2014 – 2016

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### Trustee

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### OTAA Representative

Lou Poda

## October Treasurer's Report

By Glenn Cameron

9/1/2014 Through 9/30/2014

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Checking Beginning Balance	\$2,993.57
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### Income

Dues	110.25
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Donations	400.00
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<b>Total Income</b>	<b>\$510.25</b>
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### Expenses

Speakers Dinner	-24.28
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<b>Total Expenses</b>	<b>-\$24.28</b>
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<b>Income Less Expenses</b>	<b>\$485.97</b>
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Checking Ending Balance	\$3,479.54
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Savings Beginning Balance	\$2,579.73
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Earned Interest	0.07
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<b>Savings Ending Balance</b>	<b>\$2,579.80</b>
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Petty Cash Beginning Balance	\$59.55
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	0.00
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<b>Petty Cash Ending Balance</b>	<b>\$59.55</b>
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Petty Cash	59.55
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Savings	2,579.80
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Checking	3,479.54
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<b>Grand Total</b>	<b>\$6,118.89</b>
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*Article by Glenn Cameron  
ACA Treasurer.*

# SWAP & SHOP



## FOR SALE:

22mm Orion Epic ED-2 ED Eyepiece  
25mm Orion Epic ED-2 ED Eyepiece

Asking: \$25 each

Contact: Glenn Cameron

Phone: 330-737-1472

Email: glenn@cameronclan.org



## 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:

Televue Radian 12 mm Eyepiece

- Excellent condition.

Asking: \$180 (cash)

Contact: Fred Fry

Email: riverfry@gmail.com



## FOR SALE:

15mm Ultra-Wide Angle Eyepiece

Asking: \$40

Contact: Lew Snodgrass

Phone: 330-819-4886

Phone: 330-867-4800 Ask for Lew.

Email: chrply@aol.com



## FOR SALE:

Televue Radian 18 mm Eyepiece

- Excellent condition.

Asking: \$180 (cash)

Contact: Fred Fry

Email: riverfry@gmail.com

## FOR SALE:

MEADE LXD75 Mount

- Tripod.
- One counterweight.
- Autostar and battery box power supply.
- Cigarette lighter power cable.
- Selling because of upgrade to LX80 mount.
- LOCAL PICKUP is necessary.

Asking: \$325 OBO

Contact: Glenn Cameron

Phone: 330-737-1472

Email: glenn@cameronclan.org



## FOR SALE:

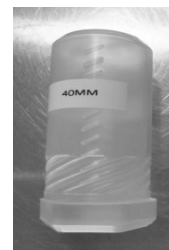
Orion Sirius 40mm Plossl

Asking: \$25

Contact: Glenn Cameron

Phone: 330-737-1472

Email: glenn@cameronclan.org



## Advertise in the Swap n Shop!

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

truemartian@aol.com

# NEW IMAGES

by John Crilly

## October 24, 2014 General Membership Meeting

By Ann Ferrell



**Dr. Robert Owen, Oberlin College**

physicists and astronomers alike. This is one meeting you will not want to miss!

Dr. Robert Owen is teaching courses in physics and astronomy, as well as conducting his own research

What does the movie INTERSTELLAR!, wormholes and Dr. Robert Owen have in common? A hint: All the above will materialize on October 24th at the ACA meeting at Kiwanis Hall. Dr. Owen has chosen a topic prized by theoretical

in computational astrophysics and gravitation theory. Owen earned a BS in physics at the University of Utah and PhD in theoretical astrophysics at the California Institute of Technology. For the last five years, he has been researching computational general relativity at Cornell University. In his spare time, Rob enjoys playing the saxophone, and spends a great deal of time listening to Stravinsky.

The ACA will be hosting a dinner for our guest speaker. The time will be 6:30 p.m. at 93 Prime Anthe's, Manchester Rd. Akron 44319. Please e-mail or call Ann Ferrell at 330 867-4251 to make reservations.

*Article By Ann Ferrell,  
ACA Vice President.*

### NEW IMAGES

By John Crilly

(Page 4)

**The Iris Nebula - NGC 7023, taken July 23, 2014. Seven exposures of five minutes each R, G, B.**

(Page 5)

**The Perseus Double Cluster - Taken August 8, 2014, six exposures 200 seconds each R, G, B. FSQ-106N, QSI683WSG-8, LX850.**

### NEW IMAGES

By Len Marek

(Page 6)

**(top) The Garnet Star - Mu Cephei, four one minute exposures LRGB. Televue Genesis sdf f/5.4, SBIG ST8300M camera.**

**(bottom) Mare Serenitatis and Mare Tranquillitatis - Taken August 6, 2014, Meade 14" LX850, SBIG ST8300M camera.**



# NEW IMAGES



by John Crilly

# NEW IMAGES



by Len Marek



# THE ASTRONOMY CLUB OF AKRON

# NOVEMBER 2014 ACTIVITIES CALENDAR

	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<b>AKRON, OH</b> <b>SUNRISE</b> NOV 1 7:57AM EDT NOV 30 7:31AM EST <b>SUNSET</b> NOV 1 6:22PM EDT NOV 30 4:59PM EST	1	2	3	4	5	6	7
	8	9	10	11	12	13	14
	15	16	17	18	19	20	21
	22	23	24	25	26	27	28
	29	30					

Mercury at greatest elongation in morning sky at 1.3hrs UT. (19°)

**STOW ASTRONOMY PUBLIC EVENT**  
(www.stowastronomy.org)

**STOW ASTRONOMY PUBLIC EVENT**  
(www.stowastronomy.org)  
Last Quarter 15:16UT

**ACA MEETING AT THE TUDOR HOUSE**  
8:00p.

New Moon 12:32UT

First Quarter 10:06UT

Full Moon 22:23UT

Moon at perigee (closest) at 00h UT.

**THE LEONID METEOR SHOWER PEAKS.**

Moon at perigee (closest) at 23h UT.

EST = UT - 5 hrs, EDT = UT - 4 hrs

# *The Night Sky*

Newsletter of the Astronomy Club of Akron

c/o Jason Shimm, Editor  
1025C Hemlock Hills Dr.  
Akron, OH 44313

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**The Astronomy Club of Akron**  
c/o Glenn Cameron  
8019 Glendevan St. NW  
Massillon, OH 44646-9018

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 May.

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),