



# The Night Sky

The Newsletter of  
The Astronomy Club of Akron

www.acaoh.org

Volume 32 Number 4

April 2010

Next Meeting: Friday, April 23, 2010 8:00PM

## ANNOUNCEMENT

Official club election to be held on April 23rd.

The following positions are to be voted on for the 2010 election:

- President
- Vice President
- Treasurer
- Secretary
- Assistant Secretary-Treasurer
- Publications Secretary (aka Newsletter Editor)



Waxing Gibbous Moon By ACA Member Jason Shinn. Captured March 25, 2010 00:19EDT (201003250419UT). Unguided/no tracking Meade LXDS5 6 inch refractor w/ Canon Digital Rebel XT at prime focus, ISO 1600 Exp 1/1000 sec. stacked/processed.

## Ramblings of the President

By Glenn R. Cameron

Halloo my moon-eyed friends! I've been loving the daily dance of Venus and Mercury in the western sky. It's always so cool when Ohio weather and solar system orbital mechanics work together to treat our optic nerves. Check it out! It's still good for a few more days.

How about that Large Hadron

Collider (LHC)? For a while there it was uncertain just when this magnetic monolith was going to pulverize particles like it was designed to do. It was even postulated that perhaps backward time traveling Higgs bosons where preventing the LHC from coming online. Well, it came online last week and it broke records even though it is only operating at half power. Pretty cool, eh? I guess it will take three years before it is fully operational and up to full power but I

know there are a lot of excited physicists on the planet right now.

On April first, the ACA web site reported all kinds of unexpected and humorous stuff. Our new webmaster outdid himself in publishing an April Fool's Day treat. If you missed it, and if you ask him nicely, perhaps he will arrange for an encore performance.

Don't forget. The ACA club meeting this month, held at the  
(Con't Page 3)

## OFFICERS 2008 – 2010

### President

Glenn Cameron 330-737-1472 Glenn.cameron@acaoh.org

### Vice President

Gary Smith 330-633-9873 garysmith23@juno.com

### Treasurer

Lew Snodgrass 330-819-4886 CHRPLY@aol.com

### Secretary

John Phillips 330-784-7922 jphillips1@neo.rr.com

### Assistant Secretary/Treasurer

Rosaelena Villaseñor revillasenor@hotmail.com

### Observatory Director

Ron Kalinoski 330-837-5848 jones\_ronbo@.att.net

### ACA Webmaster

Glenn Cameron 330-737-1472 Glenn.cameron@acaoh.org

### Editor, Night Sky

Jason Shinn 330-685-5382 truemartian@aol.com

### Trustee (term through 2011)

Freddy Huffman 330-535-8009 trusstube@gmail.com

### Trustee (term through 2009)

Tom Mino 330-923-7704 tjmino@neo.rr.com

### Trustee (term through 2010)

Ray Hyer 330-784-3970 rhyer@neo.rr.com

### Statutory Agent

Mark Kochheiser 330-882-3713 mkochheiser@neo.rr.com

### OTAA Representative

Lou Poda

## Activities Calendar

### Club

April 10 - Messier Marathon/Open House at Portage Lakes Observatory: 08:00 pm EDT (00:00UT)      April 23 - ACA Club Meeting at Kiwanis Hall Election Night: 08:00 pm EDT (00:00UT)  
April 17 - Open House at Portage Lakes Observatory: 08:30 pm EDT (00:30UT)      May 15 - OTAA Scenic Vista Stargaze.  
August 14 - MVAS-OTAA meeting at the MVCO.

### Celestial\*

April 6 - Last Quarter moon at 09:37UT.      April 21 - First Quarter moon at 18:20 UT.  
April 8 - Mercury at greatest elongation in evening sky.      April 22 - Lyrid Meteor Shower peaks at 17h UT.  
April 9 - Moon at apogee (farthest) at 3h UT.      April 24 - Moon at perigee (closest) at 21h UT.  
April 14 - New Moon at 12:29 UT.      April 28 - Full Moon at 12:28 UT.

*\*Source: www.skymaps.com*

The deadline for article submission is the 6th of each month. All word processing files should be saved in straight ASCII text files or any version of Word to minimize import problems. We will not turn away any submission, as long as the article's subject is relevant to our forum. If you do not have access to a computer a handwritten article will suffice as long as it is legible. Any images submitted should be saved in .jpg format.

— PLEASE SEND IN YOUR ARTICLES —  
Send your articles, items for sale, and comments to:  
Jason Shinn  
1579C Treetop Trail, Akron OH 44313  
truemartian@aol.com



The Warren Rupp Observatory By ACA member Jason Shinn.

[www.wro.org](http://www.wro.org)

## Ramblings of the President (con't)

Portage Lakes Kiwanis Club on 4/23/2010, will include elections for club officers. All officer positions are up for election. Please consider running for a position. We always need volunteers and some "fresh blood" will do the club some good. I'll be completing my term as president and won't be running again this time around. Perhaps next time. In the mean time, I'll continue to support the club and attend meetings and star parties as I can. Please come to the meeting and exercise your voting rights. I look forward to seeing all of you.

Happy star trails!

*Article by Glenn R. Cameron.  
ACA President*

## Portage Lakes Boating and Fishing Swap Meet

By Mark Kochheiser

**Saturday, May 8, 2010 9:00AM - 6:00PM**  
**Portage Lakes State Park**

Large tents will be set up on the grounds of the Tudor House beyond the beach area parking lot in Portage Lakes State Park. I have secured exhibit space inside one of the tents where we can set up a display and sell items. We can set up some scopes both inside and (weather permitting) outside as well. Perhaps we can even do some sunspot viewing. This will be a rain or shine event and will be heavily promoted both through print and radio advertisements. Entry to the event will be the Manchester Road entrance to the state park. This will be an excellent opportunity to raise public awareness of the ACA and perhaps gain a few memberships. If you can help, please contact Mark Kochheiser at 330-882-3713 or e-mail at [mkochheiser@neo.rr.com](mailto:mkochheiser@neo.rr.com).

*Article By ACA member Mark Kochheiser.*

## March Treasurer's Report

By Lew Snodgrass

3/1/2010 Through 3/31/2010

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Checking Beginning Balance	\$2,090.04
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### Income

Dues	90.00
Credit Memo	5.00
<b>Total Income</b>	<b>\$95.00</b>

### Expenses

Insurance	325.00
<b>Total Expenses</b>	<b>\$360.04</b>

<b>Income Less Expenses</b>	<b>\$230.00</b>
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<b>Checking Ending Balance</b>	<b>\$1,860.04</b>
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<b>Charter One Ending Balance</b>	<b>\$1,860.07</b>
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<b>Difference</b>	<b>\$0.03</b>
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<b>Savings Opening Balance</b>	<b>\$5,925.24</b>
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Earned Interest	0.50
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<b>Savings Closing Balance</b>	<b>\$5,925.74</b>
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Charter One Checking Balance	1,860.07
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Charter One Savings Balance	5,925.74
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Petty Cash	50.00
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<b>Total</b>	<b>\$7,835.81</b>
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*Article by Lew Snodgrass  
ACA Treasurer*

## ACA Membership Meeting

By Jason Shinn

**Friday, April 23, 2010 8:00PM**

**Kiwanis Hall**

**725 Portage Lakes Drive**

**Portage Lakes, OH 44319**

The annual Astronomy Club of Akron election will take place during the club meeting on Friday, April 23rd.

*Article By Jason Shinn.  
ACA Newsletter Editor*

## Minutes of the March 26, 2010 General Membership Meeting

By Dave Jessie

**8:00PM** - Call to order and introduction of tonight's guest speaker: Ron Kalinoski, Observatory Director of the ACA. Ron brought an enormous amount of materials to explain and demonstrate the fine art of amateur telescope mirror grinding. Included in the talk were techniques, theory and testing devices and how they all work together to produce a parabolic mirror used in a Newtonian reflector telescope. The knife-edge testing apparatus was fascinating. As always, Ron's talk was packed full of information.

**9:10PM** - Brief coffee-break / discussion time.

- Members looked over the materials Ron brought and discussed some of the requirements of mirror grinding.

**9:25PM** - Business meeting called to order and included the following:

### Treasurer's Report

- Club account balances.
- Savings realized by moving to a different insurance company.

### Observatory Director's Report

- State of the Observatory.
- Mention of the attempts to observe at the 3/20/2010 event which was completely clouded out.
- Preparation for Messier Marathon on April 10 - just two weeks away.
- New Meade diagonal finishes the job of allowing the Club 14" to swing through the forks and reach the zenith.
- Mentioned the unused items from the Observatory auctioned at the last meeting.

### Calls for Observations

- Several clear nights recently allowed numerous celestial observations.
- Long time member Lou Poda mentioned multiple ISS passes he observed.

## March Minutes (Con't)

### New Business

- Round three of the "Lease agreement wars" between the State of Ohio and the ACA.
- Mark Kochheiser, Statutory Agent, received the latest version of the lease agreement offered by the State of Ohio. This lease is for the property in the Portage Lakes State Park where our observatory resides.
- The Board will have to meet to discuss the terms and decide if it is an agreement we can live with.

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## Observatory Report

By Ron Kalinoski

Just a few of us showed up for our March 20th star party. Due to poor seeing conditions, we only saw a few fleeting glimpses of the Moon. We couldn't even get an alignment on the telescope due to the large amount of clouds. Still, we had a good time with jokers and storytellers replacing images at the eyepiece. This was the second cancellation of our Messier Marathon, but weather for our April 10th star party looks encouraging. The April 10th star party also marks a special evening event when four planets appear in the sky. Saturn, Mars, Mercury, and

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## Obituary

By Dave Jessie



Jeraldine Rinehart

events in Stow long after most had already left for the night. She kept a

very active life-style that a person half her age would envy. Finding out about the ACA while at an event in Stow, she joined on the spot in 2004 and made it to as many events as she could between cruises and world travel. Her email address, "JeriTravel", fit her perfectly. Jeraldine passed away February 22nd this year. Her obituary can be found here:

## NOMINATIONS of OFFICERS

occurred as detailed below:

- **President** - Dave Jessie
- **Vice President** - Tom Mino and Gary Smith have both decided to run.
- **Treasurer** - Lew Snodgrass
- **Secretary** - Mary Pickelsimer
- **Assistant Secretary-Treasurer** - Rosaelena Villaseñor
- **Publications Secretary** (aka Newsletter Editor) - Jason Shinn
- **ELECTION of OFFICERS** to occur at the next ACA meeting on 4/23/2010 at 8:00pm.

Article by ACA member Dave Jessie.

Venus can all be seen just after sunset. Venus and Mercury will be close to the western horizon while Mars and Saturn stretch across the sky to the east. Mercury reaches greatest elongation on April 8th. The Planet Parade is reminiscent of a more spectacular planet display during Spring 2002. The 2002 Planet Parade featured all five visible planets situated in the western sky at sunset. The planets danced across the sky with several conjunctions occurring over a period of two months. The 2002 alignment will not repeat itself for another 32 years.

Article by Ron Kalinoski.  
ACA Observatory Director

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http://www.legacy.com/obituaries/ohio/obituary.aspx?n=jeraldine-rinehart-jeri&pid=140033594

Article by ACA member Dave Jessie.

## Selling the Universe-Part II

By John Shulan

Sold! My star party for a good cause was sold last week for a handsome sum. I also participated in The Resnik Community Learning Center's "Living in Space" day. I had a wonderful evening talking the virtues of astronomy and the ACA. I also passed out the 2010 schedules to those interested and hope this will keep us busy during the season; perhaps getting more people interested in both astronomy and our club. Looking for opportunities to share our hobby is almost as fun and is as rewarding as an ideal sky!

*Article by ACA member John Shulan.*



The Leo Trio By ACA member Len Marek. Galaxies M65(upper right), M66(lower right), and NGC 3628(center left). Exposures of 15X4 minutes blue and 10X4 minutes each red and green through the Televue Genesis.

# ASTRONOMY DAY

## APRIL 24, 2010

# CLEVELAND MUSEUM

- of -

# NATURAL HISTORY

Dear Fellow ACA Members,

Saturday 4/24/2010, we'll be celebrating "Astronomy Day" festivities at the Cleveland Museum of Natural History. We'll have our beautiful photo-gallery thanks to Jason Shinn and all the members that have contributed images for Jason to print. Peter Clausen will have his large monitor showing his astro-images which must be seen to be believed. Public attendance at these events is usually high, so we would appreciate your assistance if at all possible. This event runs from 10:00am until 4:00pm. Members that want to help with the set-up should get there by 9:45am. Admission and parking will be free to anyone from the Club who's there helping with Astronomy Day activities. We'll be told where to park - most likely behind the Museum in a private lot.

This is a fantastic opportunity at a beautiful location. Come and have a great time. If you haven't seen the Ralph Mueller Observatory at the Museum, that alone is worth the trip. The Shafran Planitarium is equally impressive and will also have shows that we can attend, as long as we don't leave our displays unattended. Don't worry, we can work something out so you can attend presentations.

Sincerely,  
Dave Jessie

## WORD SEARCH

M N Z Y A D K M P Y I G V D G  
D I R K T P R E D O C R G M C  
Q O L U C X R R L P J T A J E  
P C U K T K N C O B T H U N W  
O L S X Y A B U X S V P R L N  
M W U P U W S R N D I X B K U  
L D J T N O A Y B T E S M C T  
B I E G O S A Y E N U T P E N  
H I I Y X Q N R K C M T P L D  
Z Q E T M F D O C P R X I S L  
V Q W O C Z E S A S Q U X U C  
K U O N E Y U B E A R T H N T  
K N R U R N S R A M N O H A V  
J T G S E R K R O V U E K R W  
U R U V S Z A M Z E R I S U K

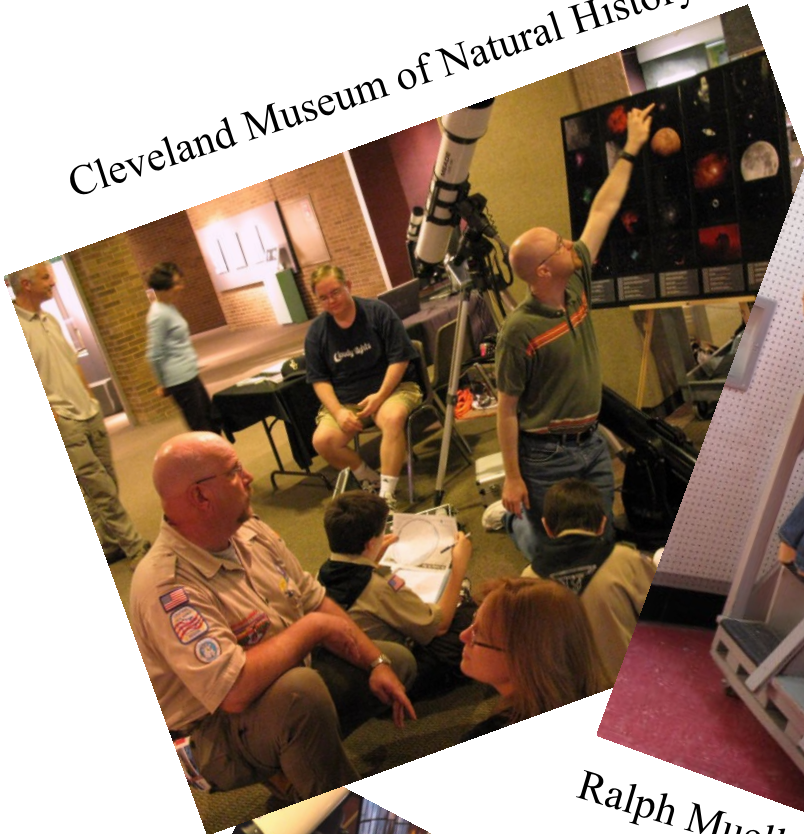
CERES  
EARTH  
ERIS  
JUPITER  
MARS

MERCURY  
MILKYWAY  
MOON  
NEPTUNE  
PLUTO

SATURN  
SUN  
URANUS  
VENUS

# ASTRONOMY DAY

Cleveland Museum of Natural History



Ralph Mueller Observatory



2009/05/02 10:47



2009/05/02 10:41

# 2009

# *The Night Sky*

*Newsletter of the Astronomy Club of Akron*

c/o Jason Shinn, Editor

1579C Treetop Trail

Akron, OH 44313

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**The Astronomy Club of Akron**

**c/o Lew Snodgrass, Treasurer**

**1865 Stabler Rd**

**Akron, OH 44313-6124**

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).