

The Focal Point

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The Atlanta Astronomy Club
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Editor: Kosmic Kow

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June General Membership Meeting

Our featured speaker this month is Dr Rich Jakiel. Club member for many years. Observer of all things deep sky and the planets to. A member of the Webb Society and galaxy guru. His articles have appeared in Sky & Telescope and Astronomy Magazine. Sketcher of things seen in the eyepiece. Rich's sketches have appeared in several books to. Besides writing, Rich has given talks at several of the PSSG, other parts of the US and Britain. He is a Geologist and part time astronomy teacher. Recently elected as the speaker/ program chairman for the Atlanta Astronomy Club. So this month the program chairman will also be the featured speaker.

This month the meeting will take place on the Emory Univer-

sity Campus in the White Hall Building. White Hall is located across the street from the new Math and Science Building. Street access is via North Decatur Road. Take North Decatur to Dowman Drive(5 way intersection). Turn onto Dowman Drive and White Hall is second building on right side of road. Note that



Dowman Drive changes names to Dickey Drive but still same road. Parking is available along Dowman Drive and a parking lot is located behind the Admissions Building. Access is via first left after turning onto Dowman Drive from North Decatur Road. The date of the meeting is Friday June 20th. Refreshments and general socializing takes place from 7:30 PM to 7:55 PM. Meeting starts at 8 PM.

Unusual Observing Challenges Or Walking on the Wild Side

By Richard Jakiel

Have you ever-checked out D'Arrest's cometary tails or the Rainbow Bridge of Valhalla? Or have you seen Bok globules, PIGS, "worm tracks", Lord Rosse's "propeller" and extra-galactic super star clusters? And unlike popular opinion, many galaxies are rich in observable details. Structures including H II regions, OB associations, tidal bridges, tails and even rings are discernable to the diligent amateur.



Picture taken by Robert Gendler. M-42 which contains the rainbow bridge.

In the presentation *Unusual Observing Challenges*, I will take the deep-sky observer on a "walk on the wild side". In this tour of the heavens well known, obscure and even a few weird objects will be discussed, plus techniques in how to get the most out of your observing sessions.

2003- 2004 Club Officers & Board

President: Jim Moore

Vice President Program Chairman: Rich Jakiel

Vice President Observing Chairman: Dan Llewellyn

Recording Secretary: Julie Moore

Treasurer: Michael Nischan

Corresponding Secretary: VACANT. Kosmic Kow temporary fill in.

Board Member: Mark Banks

Board Member: Mike Boni

Board Member: Brigitte Fessele

Board Member: Alex Langoussis

Board Member: John Lentini

Board Member: Ken Poshedly

May Elliott Chapter Meeting Update

By Art Zorka

The June 28th meeting will be presented by Mark House. His program will be "10 Ways To Improve Your Dob." Future meetings will be held on July 26th, August 23rd or 30th (Check the web site as these dates approach), and September 20th.

Philip Sacco presented the program for the evening. The topic: Planet X, Will The Earth Still Be Here For The Next Meeting?" Although Philip did not pronounce his personal opinion, he presented a wonderful history of the speculation about a 10th planet in our Solar System. He showed us how there have been records of the influence of a massive body effecting the motion of planets and that some scientists have been tracking this gravitational influence. Their predictions are that this object will come closest to Earth on the same night as the Lunar Eclipse on May 15th. Philip's presentation was thorough, including a computerized journey tracking the objects movement through space. We were all left waiting to see what would happen. Be part of the future. Be at the Charlie Elliott meeting to cast your vote. I hope to see you there.

Open House Villa Rica June 21 Atlanta Astronomy Club

By Dan Llewellyn VP-Observing Chair

There will be an open house at Villa Rica, June 21, 2003 for the Atlanta Astronomy Club. If you are NOT a member, you are encouraged to attend and meet our fellow astro buds, and do some Video Astronomy with me! I have contacted: 96 Rock, Tim Rhodes, 790 The Zone, Beau Bock, and 640 WGST, Kim Peterson. Hopefully I can garner a little free pub from them.

There will be at least four imagers at the open house. The Open House should start at 7:30. I will be involved in that so I am going to adjust the time I will be there to around 5pm if any new imagers want to arrive early. You all are encouraged to arrive at 5 too, maybe we can have Larry Owen's slide show then as well. Sharon has a slide show set for sometime after 7:30. If we can't pull that off, or you guys will arrive more around 7:30, then you can spend that time correcting all the mis-information I will have said by then (ha HA!), as at 7:30 I will be committed to the open house for a while.

A few beginner topics: 1) How much will this cost? I can cover how I began my imaging with a Meade Electronic eye (retail \$79.95) for the ones who start out on a slim budget, and you three can run with what to do when you commit some cash. Dan Ford has had a LOT of stuff, I would be particularly interested in hearing Dan talk a little about decisions he made and the learning curve for buying the stuff you really need, or finally figuring out what you don't need.

2) What laptop (optional to necessary), PC, and software you need to get out of the gate. (And start spending countless hours tweeking, stacking and adjusting.....and phoning a good divorce attorney!)

I think the rule of thumb should be this is a beginners meeting, so we must focus on starting out. I cannot tell you how many nights I spent on the web consuming everything on imaging, reading Wodaski's book (Great), and generally confused on the topic until one day it came together somewhat.. It is easy to go too fast in the beginning.

Welcome Atlanta Astronomical Imagers

By Chris Hetlage

Astronomical Imaging has long been a tool used by professional astronomers and scientist. Until recently, the equipment and knowledge it took to produced these images laid in the hands of just a few. Technology has changed and made it more possible for the average amateur astronomer to also participate in this endeavor. Here in the greater Atlanta area there many accomplished astro-imagers. To recognize the abundance of these individuals and to provide a platform for new and upcoming imagers, the AAC is forming a new workgroup, hereby known as the Atlanta Astronomical Imagers (AAI). The AAI groups' primary mission will be to advance the interests and knowledge of astro-imaging to the AAC community. All imaging techniques are welcome including; CCD cameras (SBIG, Starlight Xpress...), Digital/35mm cameras (Nikon, Canon, Olympus...), Video Astronomy, as well as astronomical sketches from the eyepiece.

To join the AAI group simply subscribe to the AAI listserve described below. Once subscribed, you will be connected to a

Continued on the next page.

wealth of knowledge and content. Some great ideas are already coming from this group including;

Imaging Workshops and Camps – An intro to astro-imaging is already being planned. Stay tuned to the listserve for a date and time. In the future we will conduct more specialized workshops on image acquisition and image processing techniques.



M101 Image taken by Chris Hetlage from Woodruff Dark Sky site.

Imaging Dark Skies Events – The AAI will hold periodic dark sky events at area AAC sites and other special locations. As well as the opportunity to get in some quality networking with others in this field, these events will be a great place for you to see a lot of different types of equipment in action.

Routine Focal Point articles on imaging techniques and members images – Sharing astro-images is perhaps the most gratifying part of our hobby. Seeing our images published for all to see is a source of great pride.

Collaborative imaging projects – Some incredible deep sky images have been created by using a combination of imaging techniques and equipment. By leveraging this groups skills and



diversity of equipment we hope to work together on special projects.

Image of Jupiter to left taken by Dan Llewellyn

One of the more

entertaining events planned is a monthly imaging contest. These monthly challenges will be based on a unique astronomical event, a specific deep space subject, an interesting imaging technique, or any other subject manner the moderators choose! So keep all your techniques sharp and be ready for anything! At the end of each month the moderator will announce the winner and the Best of Group images will be proudly displayed on the AAI

listserve home page. An archive of all images submitted will be maintained on the AAI web page.

As stated above, the AAI will also maintain a Yahoo Groups listserve. The name of this Yahoo Group is Atlanta_Astro_Imaging. To learn more about the Atlanta_Astro_Imaging group, please visit <http://groups.yahoo.com/group/AtlantaAstroImaging>. To join the AAI listserve simply send an email to; AtlantaAstroImaging@yahoogroups.com. If you wish to unsubscribe simply send an email to AtlantaAstroImaging-unsubscribe@yahoogroups.com. All are welcome to join, even if you just want to see the wonderful images produced by this group. The moderators are Chris Hetlage, <mailto:chrishet@attbi.com> and Donovan Conrad <mailto:donovan@donconrad.com>.

This public messaging board will be the virtual meeting place for new and accomplished astro-imagers in the Atlanta area. The mission of this group is to expand the knowledge of our members, most specifically in the area of astro-image acquisition and astro-image processing techniques. Members are encouraged to post the images of their work and to discuss the processes used to create their images. While non-AAC members may participate in this listserve it will be required to be a member of the AAC to participate in the formal AAC workshops and AAC events.

Another benefit of the AAI group will be the AAI Web Page. This home page of the AAI group will have many great features and functions. This site is under construction so stay tuned to the listserve for information on its deployment. Any interested HTML programmer looking to volunteer to help set

Continued on the next page.

The **Atlanta Astronomy Club Inc.**, the South's largest and oldest astronomical society, meets at **8:00 p.m.** on the third Friday of each month at Emory University's White Hall or occasionally at other locations. Membership is open to all. Membership fee's are **\$30** for a family or single person membership. College Students membership fee is **\$15**. These fees are for a one year membership.

Magazine subscriptions to Sky & Tel or Astronomy can be purchased through the club for a reduced rate. The fees are **\$30** for Sky & Tel and **\$29** for Astronomy. Renewal forms will be sent to you by the magazines. Send the renewal form along with you check to the Atlanta Astronomy Club treasurer.

Club address is:

Atlanta Astronomy Club
PMB 305
3595 Canton Road A9
Marietta, Georgia 3006

Treasurer's address is:

Peter Macumber AAC
1057 Trestle Drive
Austell, Georgia 30106

Atlanta Astronomy Club Hot Line: Timely information on the night sky and astronomy in the Atlanta area. Call **770-621-2661**.

Internet Home Page: <http://www.AtlantaAstronomy.Org>

Send suggestions, comments, or ideas about the website to webmaster@AtlantaAstronomy.org. Also send information on upcoming observing events, meetings, and other events to the webmaster.

this up please contact Donovan Conrad <mailto:donovan@donconrad.com> . Some planned features of the web site are:

- Best of Group winners and archive of monthly challenges
- Gallery of members images
- Links to valuable information other astro-imaging sites
- Space for members to create their own gallery web pages
- Calendar of upcoming events
- Directions and weather links for dark sky sites

If you are wanting to know how to get started into astro-imaging, then this group is for you. If you are looking to expand your skills and knowledge in astro-imaging, then this group is for you. If you just like to see beautiful deep space images create by these local artists, then this group is for you. Feel free to contact Chris Hetlage, Donovan Conrad, or Dan Llewellyn if you have any questions, comments, or want to know how you can help out. Welcome all and we look forward to seeing some great images from the AAI in the near future.

The 30-Inch Beck Telescope

By Leonard Abbey

At the conclusion of World War II, colleges and universities began to polish up their curricula, hoping to compensate for the wartime years of stagnation. At this time, Dr. McCain, president of Agnes Scott College determined to take this opportunity to rejuvenate the college's astronomy program, hiring Dr. William A. Calder in 1947. Bill Calder was the protégé of Dr. Harlow Shapley, long-time director of Harvard College Observatory, and was a pioneer in the field of photoelectric photometry. As an inducement to get Bill to move South, Dr. McCain promised to find funding for a substantial observatory.



Just how substantial this observatory would be must have surprised all of the participants in the project. Bill Calder immediately launched the search for a medium-sized used instrument that the college could afford, and within the year had found one. It was a 30" Cassegrain reflector, a formidable instrument by any standard. When Bill first saw it, it was disassembled, lying on the floor of a warehouse. Two parties were bidding for the telescope, Agnes Scott College, and the government of the USSR. But those were the early years of the Cold War, and the US government had just decreed that no "high-technology" could be transferred to Soviet-dominated parts of the world. This left Agnes Scott as the successful bidder, and they carried away their prize for only \$15,000!

The telescope began its life as the property of wealthy Philadelphia amateur Henry C. Gibson. In 1920, Mr. Gibson ordered a 12" refractor (probably by John Brashear) on a state-of-the-art mounting by Warner & Swasey. Warner & Swasey provided the mountings for most of the big telescopes at the turn of the century, so the 12" refractor (a telescope over 16-feet in length) was truly a professional quality instrument. Such was the strength of the mounting that about 1930, Mr. Gibson decided to replace the refractor with as large a reflector as the mounting could carry. For this work, he engaged the services of J.W. Fecker, the corporate descendant of the Brashear firm. They determined that the mounting could carry a 30" reflector, and the work was soon completed.

At the conclusion of the War Gibson decided to sell the 30" and replace it with a smaller refractor boasting an exotic lens design. This was when Agnes Scott purchased the telescope, using funds provided by the Beck Foundation. Due to the difference in latitude between Philadelphia and Atlanta some modifications were required. The Pittsburgh firm of Perkin-Elmer was engaged for this work.

Now it was the turn of Dr. McCain to find funding, this time for the observatory building. Since the search for a telescope had been successful beyond the college's wildest dreams (it was the 48th largest telescope in the world) the building would have to be much larger than had been planned. But Dr. McCain was up to the task, and with funds provided by the Bradley Foundation construction soon began. The completed facility, the largest observatory South of the Mason-Dixon Line, and East of the Mississippi River, was dedicated in 1950.

From the beginning, the observatory was open to the public on at least one night each month. It is estimated that Bill Calder's tenure at least 500,000 people were introduced to the stars at Bradley Observatory.

Another project which absorbed the energies of Dr. Calder was the Atlanta Astronomy Club. He founded the club when he arrived in 1947. As it grew, the club's history was intertwined with that of the Beck telescope. Club members were

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on hand to assist at most visitors' nights. On one memorable night, during the favorable close approach of Mars in 1956, over 500 people were in line to look through the telescope! On other occasions, Club members used the telescope for projects sponsored by the Smithsonian Astrophysical Observatory, Harvard College Observatory, NASA, JPL and for many other private projects. Many Club members enjoyed extended personal access to the telescope, and it produced a copious amount of observational data in their hands. At least one Rhodes scholar, and two other professional astronomers began their careers with the 30" Beck telescope.

As light pollution spread its ugly tentacles over the suburbs of Atlanta, the location at Agnes Scott became less desirable. For a time, the telescope was moved to Georgia State University's remote observatory at Hard Labor Creek state park. Unfortunately, the difficulty of traveling to this remote site meant that the telescope was under-utilized. Therefore, it was decided to return the telescope to its original campus location several years ago. Due to its long focal length (450 inches), it is admirably suited for the study of the Moon, planets and other Solar system objects, which are relatively unaffected by light pollution.

Now the Beck telescope has been relaunched into the educational and technical life of Atlanta. Once again she sits proudly at the top of her tower, the granddame of Astronomy in the South East. To paraphrase a great soldier: "Old telescopes never die. They don't even fade away!"

Volunteers Needed Woodruff & Bert Adams

It's once again that time when I ask AAC members to make the ultimate sacrifice, and try to do astronomy in the Georgia Summer, with Boy Scouts. It's the "rent" we pay for having access to Woodruff (which has been recently improved with the addition of four new concrete pads.)

There is a new Nature Staff Director at Woodruff who LIKES

the idea of astronomy, and we have decided to have a regular MONDAY night program there. If anyone wants to volunteer to go up on any other night, we can make those arrangements as well, but we want to cover each Monday for nine weeks in June, July and early August.

For Bert Adams, there are three weeks of camp in June to cover, plus some three day camps in July. Who wants to sign up? Contact John via email at johnlentini@yahoo.com. or phone at 770-984-0175.

Atlanta Area Astronomy Listserv

If you have email access with a computer, then you can subscribe to the Atlanta Area Astronomy Listserv. This is a source for up to the minute info on observing events. You can also post questions about astronomy. You can talk to fellow astronomers about the hobby.

Subscribe to the Atlanta Area Astronomy Mailing List: The name of the new list is: AstroAtlanta. The address for messages is: [AstroAtlanta@yahoogroups.com](mailto: AstroAtlanta@yahoogroups.com). To add a subscription, send a message to: [AstroAtlanta-subscribe@yahoogroups.com](mailto: AstroAtlanta-subscribe@yahoogroups.com). To cancel your membership, send a message to [AstroAtlanta-unsubscribe@yahoogroups.com](mailto: AstroAtlanta-unsubscribe@yahoogroups.com). Messages for the list-owner (me) go to: [AstroAtlanta-owner@yahoogroups.com](mailto: AstroAtlanta-owner@yahoogroups.com) or to [LAbbey@mindspring.com](mailto: LAbbey@mindspring.com). The "home page" for the list, from which you can change your account defaults is: <http://www.yahoogroups.com/group/AstroAtlanta>. This list is owned by Lenny Abbey.

The Sky 101: A Beginners Introduction

Part IV: Other Ways to Map the Sky

We have discussed Right Ascension & Declination method to map locations of objects in the sky. We consider this a "fixed" locating system. But astronomers also use a "relative" system to find objects. This is the *altazimuth co-ordinate system*.

In this method, we consider the sky a dome over our location, with the observer standing in the middle. The sky dome is marked out in a 360 deg circle around the horizon, starting (usually) with 0 deg at the North and measuring as we turn clock-wise (to the right). East is 90 deg; South 180 deg and West 270 deg. This is the *azimuth*.

The *altitude* is measured from the true horizon (0 deg) upwards to the point directly over our head (90 deg).

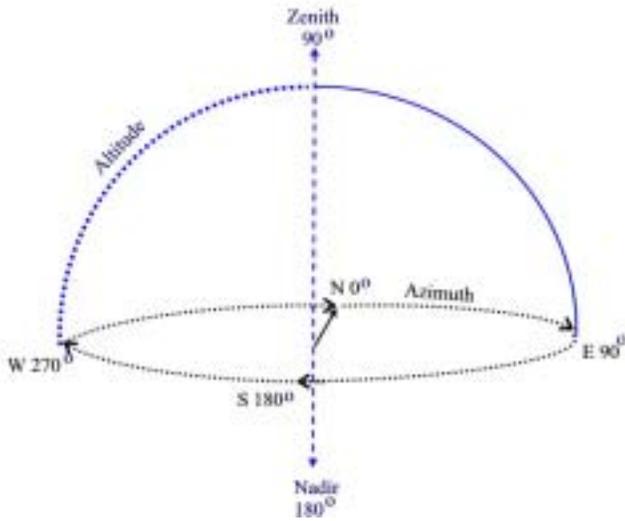
Any object can be located by measuring how many degrees it is from the North and above the horizon.

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General Meeting – 16 May, 2003

Approximately 50 members and guests attended the May General Membership Meeting of the AAC held at Emory University's White Hall. **"Bear" Simmons, President**, opened the meeting at 8:15 PM and welcomed a large number of new members. He then received officer and committee reports before conducting the club's election of officers and board members for 2003-2004. **Officer and Board Member Elections.** Two positions were contested: *President*, and a 1-year vacancy on the *Board of Directors* that was created by **Rich Jakiel** when he vacated the remaining one year in his board position in order to serve as *Vice-President for Programs*. In these contested positions, **Philip Sacco** and **Jim Moore** contended for the office of *President*, and **Rauna Long** and **Alex Langoussis** contended for the remaining year of **Rich Jakiel's** board position. All other officer and board member positions were unopposed. As a part of the election process, all candidates were asked to introduce themselves and make a statement about their goals for the AAC in the coming year. **Election Results:** *President* – **Jim Moore**; *Vice-President for Programs* – **Rich Jakiel**; *Vice-President for Observing* – **Dan Llewellyn**; *Recording Secretary* – **Julie Moore**; *Treasurer* – **Michael (Uwe) Nischan**; *Board Members* (3 positions were open, each serving for two years) – **Brigitte Fessele**, **Mark Banks**, and **Mike Boni**; *1-year Board Member vacancy* – **Alex Langoussis**. **THE POSITION OF CORRESPONDING SECRETARY REMAINS VACANT.** **Officer Reports:** **PSSG Chairman, Ken Poshedley**, announced a change in speakers. Featured speaker, **Antonín Růkl**, author of *Atlas of the Moon*, is unable to travel to the PSSG from his home in the Czech Republic due to health problems. Featured speakers are **Dr. Brian Marsden**, director of the International Astronomical Union's Central Bureau for Astronomical Telegrams and astronomer at the Smithsonian Astrophysical Observatory in Cambridge, Massachusetts; **Dr. Richard Schmude**, Associate Professor of Chemistry, Division of Mathematics and Natural Sciences at Gordon College, Jupiter Coordinator: Association of Lunar & Planetary Observers (A.L.P.O.) and AAC member; and **Chris Butler**, noted *Space Artist* and frequent guest of the AAC. Additionally, participant presentations are being solicited from those attending the PSSG this year as well. **Sidewalk Astronomy Chairman, Mark Banks**, announced forthcoming events where he'll need the assistance of club members. If interested, please contact him for additional information (404-257-2766, or email bank4@mindspring.com). **Light Pollution Chairman, Tom Buchanan**, announced that the committee is working with representatives of the city of Alpharetta and is hopeful of progress in that community. **President's Award:** Bear awarded the President's Award to **Ken Poshedley** in recognition of the 10 years of work that he

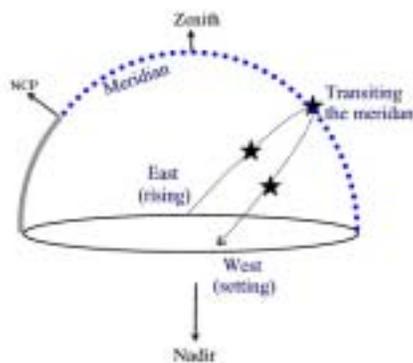
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The downside of the system is that is dependant on your location and time. Someone observing Jupiter in Toledo, Georgia will see it at a different altitude & azimuth than someone in Toledo, Ohio. And the objects drift over time due to the rotation of the Earth. So this system is not frequently used to locate or notate the location of objects.

However, it forms the basis of the system we use to describe the rising & setting of objects.

The point directly over our head is the *zenith*; the one directly below our feet, the *nadir*. A line passing through the NCP and the zenith, down to the southern horizon, is called the *meridian*. Objects east of the meridian are *rising* and west are *setting*. Object crossing the meridian are *transiting*. Times of *transit* are usually given for an object, since it will be highest in the sky and at the best location for viewing at this time. (Note



that we also use the term *transit* to describe a smaller object passing in front of a larger one, such as Mercury crossing the Sun or Io crossing the face of Jupiter).

The simplest telescope mount, which you find both on cheap department store scopes and the Dobson, is an altazimuth that moves left-right (azimuth) and up-down (altitude).

has undertaken in shepherding the Peach State Star Gaze (PSSG) on the behalf of the AAC. Two other awards were made following **Bear's** presentation of the *President's Award*. **AAC member Dan Llewellyn** awarded himself the *Foot in mouth award* and donated \$100 toward the **AAC Dark Site Fund**. In explaining the award, **Dan** observed that as he had a new CCD camera he'd bet that he could produce better images than **Bob Holzer**. **AAC member Ralph Bowman** awarded **Dan Llewellyn** this year's *Astro-Cow Award* in recognition of his messages posted to the Atlanta Astronomy Listserve.

Get the Focal Point Online

The Focal Point is available online in PDF format. The PDF version is also in color. The free Adobe(R) Reader allows you to view, navigate, and print PDF files across all major computing platforms. Download the free reader at www.adobe.com

Visit www.AtlantaAstronomy.org on the web. The link to Focal Points is located at the top of the front page of the website. If it works for you and you want to get the FP via email, send Peter Macumber an e-mail at pmacumber@AtlantaAstronomy.org. The Focal-Point web can be entered by using the Username of **AAC** and a password of **Mars**. These names are case sensitive! Type **AAC** and **Mars** exactly as you see it here.

Note that material you see in the Focal Point has been sent to me is for use in our newsletter only. If anyone wants to use the material elsewhere, please contact the author of the article or photographer who has taken the picture. With rare exceptions, most people will grant you permission.

The Astronomical League

As a member of the AAC, you are automatically a member of the Astronomical League. AL for short. I am the ALCOR for the club. My job is to relay information from the AL to our membership. The AL consists of a national organization. Members in the AL include individuals and other astronomy clubs. Check out the website for the AL at www.astroleague.org to see what they offer. You also get the AL newsletter called The Reflector four times a year. If you have any questions about the AL, please contact me at either Keith_B@Bellsouth.net or phone at 770-427-1475.



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Peach State Star Gaze/ Board: Ken Poshedly 7-979-9842
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Sidewalk Astronomy: Mark Banks 4-257-2766
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Villa Rica Observ. Coordinator:

Woodruff Observ. Coordinator: John Lentini 7-984-0175
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The Focal Point

Newsletter of The Atlanta Astronomy Club, Inc.

FROM:

Kosmic Kow

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We're here to help! Here's how to reach us:

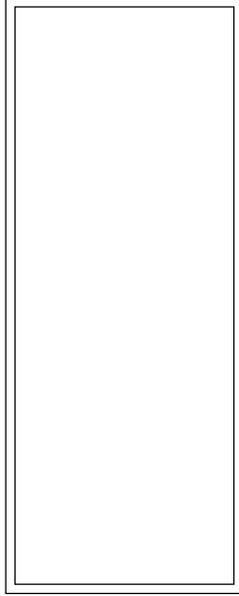
Atlanta Astronomy Club

PMB 305

3595 Canton Road A9

Marietta, GA 30066

FIRST CLASS



Calendar

June 20th: General Membership Meeting at Emory University. Meeting starts at 8PM sharp. Featured speaker is Dr. Rich Jakiel. Talk title is Unusual Observing Challenges *Or Walking on the Wild Side*.

June 21st: Open House at Villa Rica Observatory. Starts as early as 5PM for those who need help setting up. Topic of interest will include beginning astro imaging. The basics of imaging. There will as be a talk and presentation on general astronomy at 7:30PM.

June 28th: Deep Sky Observing at Brasstown Bald in the parking lot. Remember that there is a \$2 fee for parking. It's alot cheaper then being fined or towed. Starts at sunset. Arrive early and watch the sunset on the mountain.

June 28th: Charlie Elliott Chapter Meeting. The featured talk of the night will be presented by Mark House. His program will be "10 Ways To Improve Your Dob." Observing to follow program at main observing field. Meeting starts at 7PM. Meeting will take place in the visitors center.

July 1st: Focal Point Deadline

July 4th- 6th: GASP group will do a presentation with sidewalk astronomy to follow. Will take place at Tallulah Gorge State Park. Email Sharon or Joanne for more information. Also check club website. Camping accommodations are NOT provided for.

Newsletter Deadline and Info

Please send articles, pictures, and drawings on anything astronomy related. All formats are acceptable. Pictures can be sent as either JPEGs, GIFs, or other formats. I can also scan hard copies of pictures. Articles can either be sent to Kosmic Kow via my spokes person at the following address. Send it to Keith Burns 3740 Burnt Hickory Road Marietta, Georgia 30064 or email my spokes person at **Keith_B@bellsouth.net**. You can submit articles anytime up and including the deadline date. Note that the **July issue** will be published **July 1st**.