

The Focal Point

The Atlanta Astronomy Club
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Editor: Tom Faber

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September General Meeting

by Keith Burns, AAC President

The next general membership meeting of the Atlanta Astronomy Club will be held on Friday, September 11th, at White Hall on the Emory University Campus in Room 207. The meeting starts at 8PM. Directions to White Hall are at the bottom of this article.

The meeting will start with the monthly announcements Power-Point that will run before the meeting and at the very beginning of the meeting. Any announcements of up coming events and other club business will follow. After that, we move on to our featured speaker of the night. Robert Duvall of the Chiefland Astronomy Village will be giving a talk titled "Re-Discovering the Moon." Next to the Sun, the Moon is one of the most prominent objects in the sky. Like the Sun, it interferes with study of deep space objects; but it also presents many exciting opportunities for using your telescope. Learn why more and more amateurs are turning to study what some have called the nearest planet.

The Program

Join Bob as he gives a tour of the latest in Lunar Observing, focusing on computer-assisted observing, which will make the Moon come alive for you. Learn how to get the most enjoyment out of observing our Moon and how you can even make valuable contributions to science in the process!

Bob is an active imager, beginning in film and now digital. His imaging is primarily focused on Shallow Sky, high Resolution, Lunar and Planetary digital photography. The desire to share his love and interest for the Moon led him to a 5 year long project to develop two Lunar software products: Lunar Discoverer and Lunar Pronouncer, which will be shown at the meeting.

Speaker Biography

Here is a little bit of information on our speaker. Bob started his pursuit of the universe at age 15 with a homebuilt 6 inch Newtonian. His interest in

Continued on next page

Peach State Star Gaze 2009!

October 11-18, 2009

It's hard to believe that we are in our 3rd year at our new home at DAV, but here we are. The first 2 years were incredible, meeting new folks and seeing good friends. We are hoping that this year is the same, if not more. We have to say that it has been so much fun seeing all of the planning come together when get to the site and start the set up, and we are almost there.



The Deerlick Astronomy Village, located about 100 miles east of Atlanta and 50 miles west of Augusta, has some of the darkest skies in the state.



The AAC field at the DAV during the PSSG'08 - Photo by Tom Faber.

Continued on next page

September Meeting (Continued from page 1)

the Moon has always been great- the Gemini and later Apollo missions to land man on the Moon spurred that interest. Add his favorite movie *2001: A Space Odyssey*, with men living on the Moon, in the Clavius basin, and the fascination only grew.

Bob has worked as a professional software developer for over 30 years. He has worked and consulted for many major companies including IBM, Apple Computer, Lotus, and Northrop. His professional interests include imaging, digital signal processing and computer graphics. Bob graduated as an Aerospace engineer, studying celestial mechanics, jet and rocket propulsion systems and modeled supersonic airflow on computers.

As an amateur astronomer, Bob has always been a telescope maker - creating affordable telescopes on a shoestring. This led to his becoming an amateur optician, making over 3 dozen telescope mirrors, ranging from 4 1/2 to 18 inches. He currently owns several telescopes: 6, 8, and 12.5 inch telescopes that he's made and he is now in the process of building a 22.5 inch and a permanent observatory for his instruments.

Directions to White Hall and Parking

Emory University is in the process of making improvements to the parking and roads. So for the next year, we will have to endure road construction plus the closing of some of our favorite parking spots. For now, the best places to park are the Peavine Parking Deck and the Fishburne Parking Deck. Fishburne Parking Deck is located on Fishburne Drive. When driving on North Decatur Rd, turn onto Dowman Drive (Dowman is now a one-way road into the campus now from North Decatur Road. Exit either by Oxford Road or Fishburne Drive) and then right on Fishburne Drive. You can also access Fishburne Drive from Clifton Road southbound on right before the N. Decatur Rd intersection. Note the Fishburne Parking deck is actually accessible from Fishburne Lane. When driving on Fishburne Drive, watch for the parking lot signs. The parking deck is located behind the Rich Building.

The Peavine parking deck is accessible from North Decatur Road. Take N. Decatur Rd to Oxford Road. Oxford is accessible from N. Decatur Road at two spots. If you are traveling east on North Decatur, then turn right onto Oxford. If traveling west, turn left onto Oxford. Take Oxford Road to the back entrance of Emory and turn onto Eagle Row. Take that to the Peavine parking deck. Note Peavine is across the street from the running track. You can also access Peavine from Clifton Road. Take Clifton south from Briarcliff Road. Turn right onto Asbury Circle. Asbury Circle changes names to Eagle Row. Parking deck will be on right side of road.

Directions to White Hall are on page 7. See the Emory web site for more details and directions: www.emory.edu

Upcoming AAC Meetings

October 2nd, Speaker and Topic TBA.

November 6th, Speaker and Topic TBA.

December 5th (Saturday), Christmas Banquet and a talk about meteors by Dave Gheesling.

The Next AAC Board Meeting

by Keith Burns, AAC President

The next Board Meeting of the Atlanta Astronomy Club is scheduled for Sunday, November 22nd from 4PM to 6PM. Meeting location is TBA. Contact Keith Burns or Board Chair Don Hall for more information about the meeting agenda.

Peach State Star Gaze (Continued from page 1)

Right now we are still working on the speakers, not all have confirmed as of this writing, so we won't publish them until we get to DAV since we have learned that things can change. One who has confirmed is Dr. Guy J. Consolmagno, S.J. Dr. Consolmagno is curator of the Vatican meteorite collection in Castel Gandolfo, one of the largest in the world. He will be speaking at the PSSG on Saturday, October 17th.

We also have Jonn Serrie entertaining us with his awesome music under the stars Friday evening, October 16, so plan on being there for that. It is a must see. Micki's Kitchen will be there again this year making sure we are fed, and keeping the coffee hot and our brownie cravings going! OH, those brownies... We will have the door prize drawings on Saturday, and yes you have to be present to win.

For more information and updates, including registration information and forms, please check the website - <http://www.AtlantaAstronomy.Org/PSSG>. If you have any questions, please feel free to email us at pssg@atlantaastronomy.org.

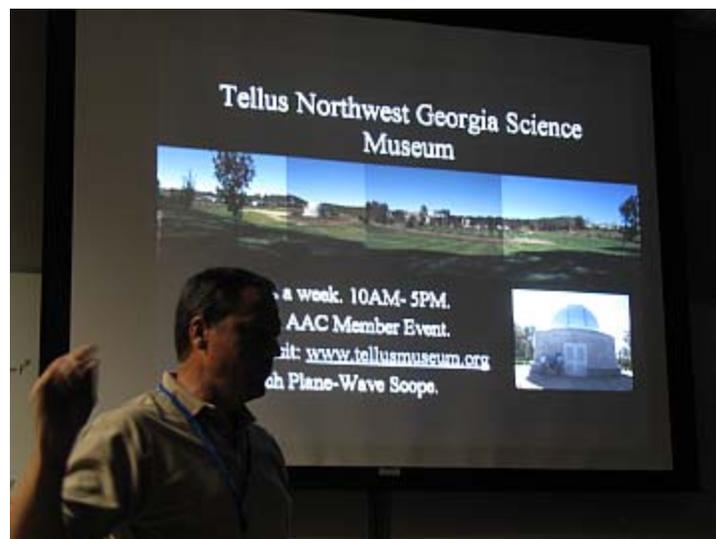
The PSSG Staff - Hope to see you there!

August General Meeting Minutes

by Richard Jakiel, AAC Recording Secretary

Meeting photos by Tom Faber

The August general meeting of the AAC was held at the Tellus Museum at Cartersville, GA. The meeting began shortly after 2 PM, with over 30 members in attendance. After a few brief introductions, president Keith Burns (photo below) covered a few important notices and dispensed with



the rest of the business meeting. AAC and ALPO member Richard Jakiel gave a brief update on the recent comet collision (July 19th) with Jupiter (photo next page top). The short PowerPoint presentation focused on the evolution of the comet impact area discovered by Astro-imager Anthony Wesley of Australia. Other slides focused on the important image contributions that were made by several AAC members.

Joe Schulman, Director of Marketing for the Tellus Museum, gave a nice presentation on the founding, construction and continued development of this major natural history museum. Tellus is associated with the Smithsonian Institute and in the future will receive various collections and exhibits on loan for display. So far the support and attendance for this museum has far exceeded all expectations.

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After the main meeting, many AAC members toured the museum or watched a free planetarium show. Later that day, David Dundee (photo below-center) gave a tour of the main observatory and the 20-inch Planewave CDK telescope.

Following a day at the museum, many members headed over to the local IHOP for food, drink and fellowship.



BoD Meeting Minutes - June 7, 2009

By Richard Jakiel, AAC Recording Secretary

Meeting Location - Physics Building, Emory

Members in attendance - 10

First Business: Re-election of Don Hall as BoD chair

* Last BoD meeting minutes approved by 9-0.

* Theo Ramakers voted to replace W. Brannet (9-0).

Old Business:

AL Manuals - Art Zorka

* Art had presented a case for the AAC library needing to have a full set of observing manuals. This includes needing list of what is already on hand.

Other suggestions included which manuals would likely be popular programs, vs. those that are more difficult/less likely for a member to complete. Tabled for future discussion.

* DAV - cabinets, sheet rock and paneling for the clubhouse. A work party was slated - possibly at the next AAC DSO.

* AAC - insurance updated for both VR and DAV site. Dave Lumpkin was to look into the matter.

New Business:

* Budget Review - AAC: by Sharon Carruthers (on screen via PowerPoint). Overall, the AAC is in the "black" with ~ 4K profits generated by PSSG (after split with DAV).

* Solar Glasses: Theo Ramaker - for a region class room program locally sponsored (by S. Ramsden). The cost was \$0.50 each pair. After considerable discussion - this tabled for future discussion and research.

* PSSG 2009 - more information forth coming at next BoD meeting.

* Dragon*Con and the AAC - (Rich Jakiel) - primary concerns for this large event: parking issues, when/where, transport (elevators/escalators) and scope storage and access. Updates - to be given via email and list

* Observing Chair Report - Dan Heron: Need a working lawnmower (riding) for observing sites (esp. VR). Alex proposed to sell his relatively low-use riding lawn mower to the AAC. After brief discussion, the price was set at \$499. Motion to buy the lawn mower passes (10 - 0).

* AAC Website - after many years of updating/maintenance by Peter Macumber, it was suggested that the hat should be passed to Dan Heron. This motion was accepted by the BoD.

* Meeting dates for AAC - 2009/10. Updated and posted by Keith Burns.

Next Meeting date - set for August 9th, 2009. Location: TBA

Upcoming AAC Events and Information

by Keith Burns, AAC President

We are planning to have our next board meeting on November 22. The meeting time, date, and location will be announced as soon as the details are worked out. Updated information will be posted on the AAC board listserv and time permitting on the AAC website.

The general meeting dates for the remainder of 2009 are the following: Sept. 11th, Oct. 2nd, Nov. 6th and Dec. 5th.

The 2009 Peach State Star Gaze is a week long star gaze sponsored by the Atlanta Astronomy Club that will be held on October 11th-18th, 2009. Updated information on the event including speakers and pricing will be posted on the PSSG website at <http://www.atlantaastronomy.org/PSSG/> in the next couple of months.

Our new speaker chairman (Dave) is working on speakers for the coming meetings. He is asking for input from members on speakers, so this is your chance to suggest someone you want to see come and speak on an astronomy related topic at one of our meetings. Dave's email is DaveLump@Bellsouth.net.

Daniel Herron is working on a new observing schedule for the remainder of 2009 and the first part of 2010. Soon he will post details of upcoming events to the newsletter, the website, and the AAC listserv.

The GASP group is continuing to bring the stars to the campers at various State Parks in Georgia. The remaining schedule for 2009 is November 14th at Red Top Mtn State Park. For more information, please contact Keith Burns at Keith_B@Bellsouth.net.

The Charlie Elliott Chapter of the AAC continues to hold meetings and observing events at the Charlie Elliott Wildlife Management Area. The meetings are held on Saturday afternoons with observing in the evening weather permitting. For more information, see the Elliott website at CEAstronomy.org. Note the Elliott website can be accessed from the main AAC website via a link located at the top of the main page. The Elliot Group also posts updates on events in their area on the AAC listserv.

CE Chapter July 18th Meeting Minutes

Article & Photos by Theo Ramakers, CEWMA Chapter Director

(Minutes have been edited for space constraints.)

The meeting was called to order at 5:10 p.m. by Chapter Director Theo Ramakers. The meeting was attended by 20 members and visitors (photo below), of which four were new to the chapter. Following welcoming remarks by Theo, Larry Owens began his presentation "The Philosophy of Astronomy".



The meeting room was dimmed to very low light and the image slide show and the new space background music put everyone in the right mood to follow Larry's presentation. Larry took us on a ride from the well-known surroundings of our homes and cities to places far away in the universe and made every one think of those places as far away homes / locations rather than objects. Larry explained that we, as amateur astronomers, have the capability though our telescopes to show this to many others who normally relate only to our normal everyday issues. Larry urged us to reach out to everyone we can to show this through our scopes. Larry will attempt to produce a streaming video from this presentation so others can experience similar feelings we had during this great presentation!

Jon Wood, observing supervisor, and Ken Poshedly, chapter recording secretary, were not present at the meeting, so after a short break, Theo presented the July version of his "Current Events in Astronomy and Space Exploration" This month's presentation covered:



* The past month's evening and solar outreach program.

* The observing and imaging of the occultation, as well as an eclipse of one Galilean moon by another.

* An update and initial images from the Lunar Reconnaissance Orbiter; the images included the Apollo Moon landers and foot paths by the astronauts.

* The shift in focus for planetary observers to observe Jupiter.

* The results of the 2009 Dark Sky event which we participated in earlier this year and other recent events in astronomy and space exploration.

Our next meeting will be 5 p.m., Saturday, August 22, when Fred Buls will give us a detailed update on NASA's Constellation Program.

The observing session following the meeting was attended by 24 members and guests (photo left bottom).

Students and Teachers visit CE Chapter for Observing Session

by Theo Ramakers

Stone Mountain Middle School had planned a Star Party for this weekend in hopes of still seeing some meteors from the Perseids. Around 6:00pm a storm moved into the area while Atlanta still had clear skies. Jim Soboleski, Frank Garner and Theo Ramakers decided to go to CE anyway in case some of the students would show up. Science Teacher M. Hill, another teacher and two students showed up when the sky was completely covered (photo below). However, around 10 PM the lower cloud cover broke and we started seeing some stars. The trip to CE paid off for the visitors since they got a glimpse of Jupiter and even some open clusters, globular clusters, double stars, and despite the low transparency some nebulae and the students went home with some astronomy goodies, courtesy of NSN and NASA.



Charlie Elliott Future Meetings

The Meeting dates for the Charlie Elliott Chapter have now been set for 2009. All meetings are on Saturdays: Sept 19, Oct 17, Nov 14, Dec 19. Please note that the June, September and December Meetings are our Pot Luck Dinner Meetings. For meeting updates and other information please check the CE chapter website: <http://www.CEastronomy.org> Thanks and Clear Skies, Theo Ramakers.

July DSO at Mentone, Alabama

On July 25th, Roger Dowait hosted the AAC's July Dark Sky Observing on his property high on the ridge of Lookout Mountain near Mentone, AL. In addition to Roger, those attending included Keith Burns, Kat Sarbell, Tom Faber, Elisa Roberts, Daniel Herron and his brother Trey, and several other visitors. Here are some photos of the event.



Elisa Roberts and our host Roger Dowait. Photo by Kat Sarbell.



Tom views the moon through Keith's scope. Photo by Kat Sarbell.



An early evening view of the observing field. Photo by Elisa Roberts.



Keith has finished setting up his 13-inch Dob. Photo by Elisa Roberts.



Photo above: Daniel observing the moon before sunset with Elisa's and Keith's scopes in the foreground. Photo by Tom Faber.

Photo left: Elisa views the crescent moon through her scope as Kat looks on. Daniel and Trey are in the background. Photo by Tom Faber.

Pilgrimage to Griffith Observatory

by Frank Marchese

Toward the end of July this year I was scheduled to attend a class in California for my employer. My wife Anne suggested we make it a mini-vacation by tacking a couple of days to my trip. So we headed to California Friday morning by air and arrived at LAX before lunch. After renting a car we set out for the Getty center and spent the remainder of the afternoon roaming the grounds of this fantastic place. Saturday morning we drove to Venice Beach via the Pacific highway. After taking in the sights and sounds of this eclectic place we headed to Griffith Observatory (photo below). Just so happens they were having a public star-party that



weekend! Anne always thinks I plan these kinds of visits just because there is star-party afoot. But I haven't pulled this since we went to the Grand Canyon and participated in the Grand Canyon star-party.

The Los Angeles Astronomical Society was hosting this event. The club conducts its monthly meetings at Griffith. The grounds were pretty crowded with amateur astronomers, locals, and tourists vying for a look at the moon or Jupiter. As there was limited parking at the observatory, we ended up parking down the hill and walking about a half-mile back up.

After chatting with a member of the L.A. club for a bit, I learned that his club inherited a telescope that was scheduled to be placed on the Skylab. The telescope (photo below) never made it to the Skylab and was just sitting in a warehouse gathering dust. The club asked if they could have the telescope and it was given to them. What luck! (www.laas.org-bulletin-June_2009.pdf)



We were treated to a beautiful sunset (photo top right) behind the hills where the Hollywood sign resides. The views of Los Angeles at night from the vantage point of Griffith Observatory are spectacular to say the least. Locals drive here to enjoy the views even if they aren't here for the astronomy.



Anne stood in line to get tickets for the last planetarium show while I took more pictures. After securing a place in line for the show I wondered how they would accommodate everyone. The planetarium seats 300 so no worries. The crowd filed smoothly into the planetarium and settled down for the show. The commentator appeared with a glowing sphere in his hand representing the sun. The sphere could be dimmed remotely which was an impressive effect. The program was titled "Centered in the Universe".

This planetarium has a top of line Zeiss projector as well as digital projection. It was truly an incredible presentation. After the show we wandered through the main building taking in the impressive displays. As time was growing short we were not able to visit the observatory telescope. The star party had to end at 10PM so we started our hike back down the hill to our car.

If we ever get back to L.A. we will definitely revisit Griffith. We will plan to arrive earlier on a weekday so as to get a parking spot and take our time going through the Observatory.



Frank receiving a personal explanation of general relativity and gravity waves from Albert Einstein.

Sunday we enjoyed brunch on the Queen Mary which is docked in Long Beach. Sunday afternoon we did the Hollywood tourist thing and then headed to Ontario, California where my class started on Monday.

While I was in class Anne took the car and headed towards Mount Palomar. However, she stopped at Temicula and started visiting the wineries instead. So, that's as far as she got.

Continued on next page

I was hoping to be out of class early Tuesday so we could try again to get to Mount Palomar before they closed. Class did not let out early so we missed out on that visit.

On the return flight I did see Mount Palomar from the air. I guess that will be on my list for another trip. I tried to see the Very Large Array from the air but as luck would have it, clouds covered the area when we flew over New Mexico.

For more information on the history of Griffith Observatory see www.GriffithObservatory.org. If you plan to visit L.A. or its environs make the Griffith a must see. Plan to arrive earlier in the day to allow enough time to take in all the displays and take in a planetarium show. Stay long enough to take in the sunset and view the L.A. basin at night. Other than the Planetarium and the café it's free!

Georgia Astronomy in State Parks

The following GASP events are currently scheduled:

November 14 - Red Top Mountain State Park.

March 20 - Unicoi State Park.

For more information about these events, contact Keith Burns at 770-427-1475 or Keith_B@bellsouth.net.



The GASP volunteers at FDR State Park on Labor Day weekend 2004 - From left to right: Joanne Cirincione, Keith Burns, Harold and Claudia Champ with Ginger, Peter Macumber, Sharon Carruthers, Tom Faber, Kat Sarbell, and Holly and John Ritger. Photo by Holly Ritger.

Atlanta Astronomy Club Website

While this newsletter is the official information source for the Atlanta Astronomy Club, it is only up to date the day it is printed. So if you want more up to date information, go to our club's website. The website contains pictures, directions, membership applications, events updates (when available) and other information. <http://www.atlantaastronomy.org>

The **Atlanta Astronomy Club, Inc.**, the South's largest and oldest astronomical society, meets at **8:00 P.M.** on the Friday closest to full moon of each month at Emory University's White Hall or occasionally at other locations or times. Membership fees are **\$30 (\$35)** for a family or single person membership. College Students membership fee is **\$15 (\$20)**. These fees are for a one year membership (\$5 per year extra charge to receive the *Focal Point* mailed).

Magazine subscriptions to *Sky & Telescope* or *Astronomy* can be purchased through the club for a reduced rate. The fees are **\$33** for *Sky & Telescope* and **\$34** for *Astronomy*. Renewal forms will be sent to you by the magazines. Send the renewal form along with your check to the Atlanta Astronomy Club treasurer.

The Club address: Atlanta Astronomy Club, Inc., P.O. Box 76155, Atlanta, GA 30358-1155.

AAC Web 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.

AAC Officers and Contacts

President: Keith Burns 770-427-1475 Keith_B@bellsouth.net

Program Chair: Dave Lumpkin programs@atlantaastronomy.org

Observing Chair: Daniel Herron observing@atlantaastronomy.org

Corresponding Secretary: Tom Faber
focalpoint@atlantaastronomy.org

Treasurer: Sharon Carruthers Treasurer@AtlantaAstronomy.org

Recording Secretary: Rich Jakiel Secretary@atlantaastronomy.org

Board Chair: Don Hall - donrhall@bellsouth.net

Board: Misty Herron - Contact Info TBA

Board: Theo Ramakers 770-464-3777 director@ceastronomy.org

Board: Marie Lott 770-496-5774 mtlott@comcast.net

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star.myth@juno.com

Elliott Ch. Director: Theo Ramakers 770-464-3777
director@ceastronomy.org

Elliott Observing Supervisor: Jonathan Wood 404-374-8750
observing@ceastronomy.org

Elliott Recording Secretary: Ken Poshedly 678-516-1366
poshedly@bellsouth.net

Elliott Coordinator: Alesia Rast Alesia_Rast@mail.dnr.state.ga.us

Elliott Webmaster: Larry Owens 678-234-5399
webmaster@CEastronomy.org

Georgia Astronomy in State Parks: Keith Burns 770-427-1475
Keith_B@bellsouth.net

Light Trespass: Open - Contact Keith Burns if you would like to volunteer.

PSSG Chairman: Peter Macumber pmacumber@nightsky.org

PSSG Co-Chair: Joanne Cirincione
starrynights@AtlantaAstronomy.org

Sidewalk Astronomy: Brad Isley
sidewalkastronomy@atlantaastronomy.com

Woodruff Observ. Coordinator: Sharon Carruthers
Treasurer@AtlantaAstronomy.org

Webmaster Atlanta Astronomy: Peter Macumber 770-941-4640
pmacumber@nightsky.org

Directions to White Hall at Emory

Our meetings are generally held in White Hall. To get to White Hall, turn onto Dowman Drive from North Decatur Rd at the five way intersection (across from Everybody's Pizza). White Hall is located across from the new Science & Math building. The best places to park are the Peavine and the Fishburne Parking Decks. The Fishburne deck is located on Fishburne Drive which is accessible from N. Decatur Rd. Turn onto Dowman and then right on Fishburne. You can also access Fishburne Drive from Clifton Road just north of N. Decatur. The Peavine parking deck is accessible from N. Decatur Rd. Turn onto Oxford Rd, go to the back entrance of Emory and turn onto Eagle Row. Take that to the Peavine deck. You can also access the Peavine deck from Clifton Rd. Turn onto Asbury Circle. It's the intersection next to the railroad tracks on Clifton. For maps to the decks see <http://map.emory.edu>. For more detailed directions to Emory University, visit www.atlantaastronomy.org or go to the Emory web site.

Calendar by Tom Faber (Times EDT unless noted)

Upcoming AAC Events are listed in BOLD

- September 4th, Friday: Full Moon.
September 11th, Friday: **AAC Meeting at White Hall, 8PM, Emory University.** Moon Last Qtr.
September 16th, Wednesday: Moon near Venus.
September 17th, Thursday: Saturn conjunction with Sun. Uranus Opposition.
September 18th, Friday: New Moon. **October Focal Point Deadline.**
September 19th, Saturday: **DSO at location TBA. CEC Meeting - See pg 4 for details.**
September 20th, Sunday: Mercury Inferior Conjunction. Venus near Regulus.
September 22nd, Tuesday: Equinox at 5:20PM.
September 24th, Thursday: Moon near Antares.
September 26th, Saturday: Moon First Quarter.
October 2nd, Friday: **AAC Meeting at White Hall, 8PM, Emory University.**
October 4th, Sunday: Full Moon.
October 5th, Monday: Mercury Greatest Elongation West.
October 8th, Thursday: Mercury near Saturn. Draconid Meteors.
October 11th, Sunday: Moon Last Quarter. Mars near Moon.

October 11th, Sunday to October 18th, Sunday: Peach State Star Gaze!!!

October 17th, Saturday: **CEC Meeting - See pg 4 for details.**

October 18th, Sunday: New Moon.

October 21st, Wednesday: Orionid Meteors.

October 23rd, Friday: **November Focal Point Deadline.**

October 25rd, Sunday: Moon First Quarter.

November 1st, Sunday: Daylight Saving Time Ends 2AM.

November 2nd, Monday: Full Moon.

November 5th, Thursday: Southern Taurids Meteors. Mercury at Superior Conjunction.

November 6th, Friday: **AAC Meeting at White Hall, 8PM, Emory University.**

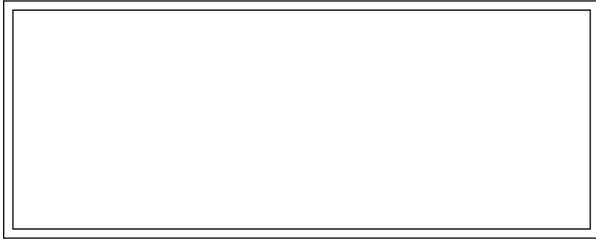
Atlanta Astronomy Club Listserv

Subscribe to the Atlanta Astronomy Club Mailing List: The name of the list is: AstroAtlanta. The address for messages is: AstroAtlanta@yahoogroups.com . To add a subscription, send a message to: AstroAtlanta-subscribe@yahoogroups.com . This list is owned by Lenny Abbey.

Focal Point Deadline and Submission Information

Please send articles, pictures, and drawings in electronic format on anything astronomy, space, or sky related to Tom Faber at focalpoint@atlantaastronomy.org. Please send images separate from articles, not embedded in them. Articles are preferred as plain text files but Word documents are okay. You can submit articles anytime up to the deadline. **The deadline for October is Friday, September 18th at 4:00 PM. Submissions will not be accepted after the deadline.**

FIRST CLASS



Newsletter of The Atlanta Astronomy Club, Inc.



The Focal Point

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

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Alpharetta, GA 30022

Atlanta Astronomy Club

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Atlanta, GA 30358-1155

www.atlantaastronomy.org

