

## Minutes of the July 13, 2013 Meeting of the Charlie Elliott Astronomy Chapter

The July 13<sup>th</sup> 2013 meeting of the Charlie Elliott Chapter of the Atlanta Astronomy Club was held in the CEWC Conference Center in Mansfield, GA at 7 PM with 18 adults and 5 youth in attendance. Chapter director Steve Siedentop started the meeting with opening remarks. Ken Posedly discussed the upcoming ALCon2013, co-hosted by the AAC. Registration is still open at the reduced rate. It will feature three days of great speakers and will be held July 24-27, 2013. More information and registration information can be found at <http://alcon2013.astroleague.org>.



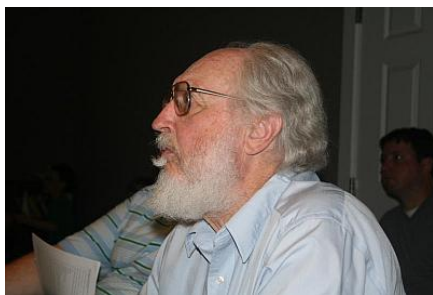
John Towne gave his monthly “What’s Up” for July/August and Jack Fitzmier finished with an inspiring presentation about planning your observing efforts using the AL’s observing programs (“I Love It When a Plan Comes Together”). Jack began and ended his talk with a touching homage to Art Zorka (left) and the legacy he left as Master Observer #119. Jack’s handouts of the AL observing programs and other observing resources are attached.

No observing was possible after the meeting due to rain and thick clouds. A make-up observing session is scheduled for July 20<sup>th</sup> @ 9 pm on Jon Wood Field. Everyone is welcome.

The next meeting of Charlie Elliott Astronomy will be held on Saturday August 10<sup>th</sup> at 7 pm in the CE Conference Center. Check <http://ceastronomy.org> for start time and room location.

Respectfully submitted,

Marie Lott,  
Secretary



Frank Garner



John Towne presenting  
“What’s Up Tonight”



Some of our young visitors

Meeting photos by Larry Owens

# Astronomical League Observing Programs

## Observing Experience: Beginner

Analemma Program  
Asterism Program  
Binocular Double Star Program  
\*Binocular Messier Program  
Carbon Star Program  
Constellation Hunter Program  
Comet Observers Program  
Dark Nebula Program  
Dark Sky Advocate Award  
Deep Sky Binocular Program  
\*Double Star Program  
Galileo Program  
\*Lunar Program  
\*Messier Program  
Meteor Program  
Sky Puppy Program  
Southern Skies Binocular Program  
Stellar Evolution Program  
Universe Sampler Program  
Variable Star Program

*\*Required for the Master Observer Award  
(plus your choice of five others)*

## Observing Experience: Intermediate

Asteroid Observing Program  
Caldwell Program  
Earth Orbiting Satellite Observing Program  
Globular Cluster Program  
\*Herschel 400 Program  
Lunar II Program  
NEO Award  
Outreach Award  
Planetary Observers Program  
Southern Sky Telescopic Program  
Sunspotters Program  
Urban Observing Program

## Observing Experience: Advanced

Arp Peculiar Galaxy Program  
Flat Galaxies Program  
Galaxy Groups & Clusters Program  
Herschel II Program  
Local Galaxy Groups & Neighborhood Program  
Master Observer Award  
Open Cluster Program  
Planetary Nebula Program

## Jack Fitzmier's Resources

### Maps and Atlases

Mullaney, James, and Will Tirion. *The Cambridge Atlas of Herschel Objects*. New York: Cambridge University Press, 2011.

Sinnott, Roger. *Sky and Telescope's Pocket Sky Atlas*. Cambridge, MA: Sky and Telescope Media LLC, 2006.

Sky and Telescope Media. *Sky and Telescope's Moon Map*. Cambridge, MA: Sky and Telescope Media LLC, 2010.

Sky and Telescope Media. *Sky and Telescope's Mirror Image Moon Map*. Cambridge, MA: Sky and Telescope Media LLC, 2012.

### Books

Sobel, Dava. *Longitude: The True Story of a Lone Genius Who Solved the Greatest Scientific Problem of His Time*. New York: Walker and Company, 1995.

Lemonick, Michael D. *The Georgian Star: How William and Caroline Herschel Revolutionized our Understanding of the Cosmos*. New York: W.W. Norton, 2009.

### Web Resources

Accuweather for Astronomy: <http://www.accuweather.com/en/us/mansfield-ga/30055/astronomy-weather/2139237>

The Astronomical League: <http://www.astroleague.org> (web resource)

Clear Sky Charts: <http://cleardarksky.com/c/ChaElIGAkey.html>

Moon Phase Calendar: [http://www.moonconnection.com/moon\\_phases\\_calendar.phtml](http://www.moonconnection.com/moon_phases_calendar.phtml)

### Computer Programs

Stellarium Planetarium Software: <http://stellarium.org> (Linux, Mac, Windows, Ubuntu)

Astro Planner: <http://www.astroplanner.net/index.html> (Mac, Windows)

### Places

The British Royal Observatory: <http://www.rmg.co.uk/royal-observatory/>

The London Science Museum: <http://www.sciencemuseum.org.uk>