Comet Garradd and the Coat Hanger
2015 officers

position
President
Vice President
Secretary
Treasurer
Newsletter
Website

name
Amanda Bell
Robert Arn
Dave Karp
Greg Halac
Amanda Bell
Robert Arn

e-mail
pres@
vp@
sec@
treas@
objview@
web-edit@

To contact officers, use @NoCoAstro.org

Click below or see page 5 for important club updates!

What you’ll find in this newsletter.
November meeting details.

**topic**
Image Differencing (Subtracting images to find photometric changes!)

**speaker**
Dr. Steve Hartung (also president of BASS)

**time & date**
Thursday, November 5th at 6:15pm

**location**
Fort Collins Museum of Discovery
408 Mason Court, Fort Collins 80524
Giant ‘Hole’ in Sun is 50 Earths Wide: This little leak in the topmost layer of the sun and its magnetic field is releasing ultrafast solar wind that has kicked off several nights of auroras on Earth. *

Hot Jupiter-Like Planets: The basic chemistry for life has been detected in a second hot gas planet affectionately named HD 209458b. This new finding follows detection of these same organic molecules in the atmosphere of another hot, giant planet. *

Mound Near Lunar South Pole Formed by Unique Volcanic Process: Research suggests the mound formed by volcanic processes set in motion by the impact that formed the basin. *

The Most Mysterious Star in Our Galaxy: Astronomers have spotted a strange mess of objects whirling around a distant star. Scientists who search for extraterrestrial civilizations are scrambling to get a closer look. *

Gallery of Exoplanets: Real pictures of alien worlds. *
If you’re reading this - 2016 NoCoAstro officer positions are still open!
(It’s fun! It’s easy! Why not give it a try?)

These tasks (and many more!) need your help:

* several officer positions will need to be filled next year
* social media page maintenance (training provided!)
* NoCoAstro e-newsletter
* how would you like to change NoCoAstro for the better?

About NoCoAstro:

* We are an active, all-volunteer community of amateur astronomers from Fort Collins and the surrounding area.
* Membership is open to anyone who enjoys astronomy or would like to help NoCoAstro share the love of science with the public.
* All ages are welcome! No experience is necessary!

Contact Amanda (your friendly mistress of ceremonies) at pres @ NoCoAstro.org with your ideas or questions!
November 2015
A look at what's happening in the world of astronomy.

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The new year is almost here...

Do you know an event that should be added to an upcoming calendar?
Help keep everyone informed: send it to ObjView at NoCoAstro.org
You are the
Northern Colorado
Astronomical
Society
(NoCoAstro).

Established in 1995 as a non-profit organization we are here to promote interest in the science and hobby of astronomy. We meet the first Thursday of each month to discuss our interests and experience in the universal world of astronomy.

Monthly talks are free and open to the public. Bring a friend!

Come to dinner!

Join your fellow NoCoAstro members after the meeting for dinner & drinks with this month's speaker. RSVP to an officer if you’d like to join us. Dutch treat.

Become a Member:
Learn about benefits of membership!

Borrow equipment here:
Club items may be borrowed at no cost by NoCoAstro members! Find out more here.

Astronomy Gear how-to Guides:
Learn about telescopes and astrophotography.

Member Photo Albums:
You’ll want to see all of the amazing photos taken by our members.

NoCoAstro Email:
Anyone can join the email lists but subscription requests are monitored. Only approved subscribers are allowed to post.

Request a Private Event:
How to request an astronomy event for your nonprofit group or club.

NoCoAstro Admin Info:
Find group bylaws and constitution.

Regional Star Parties:
A gathering of amateur astronomers to observe the sky.
local Museums, Astronomy Clubs, Observatories and Planetariums.

**Boulder Astronomy & Space Society (BASS):** meetings are hosted by the UC campus at the Fiske Planetarium. Open to students and the public.

**Denver Astronomical Society (DAS):** promoting understanding of astronomical phenomenon at the U of Denver's historic Chamberlin Observatory.

**Estes Park Memorial Observatory (EPMO):** has many goals, including encouraging enthusiasm for physics and math in kids of K-12th grade.

**Fort Collins Museum of Discovery (FOCO MOD):** The MoD isn't just where we hold our meetings. Check out their calendar for current events or to find out more.

**FRCC Stargazer Observatory (FRCC):** thanks to a unique partnership with Village Homes, FRCC operates an astronomy lab at Observatory Village in SE Fort Collins.

**FRCC Sunlight Peak Observatory (FRCC):** operated on the FRCC Larimer campus directly behind the Harmony Library. Open houses held 1st Friday of each month.

**Little Thompson Observatory (LTO):** no-charge public access to the universe available during regularly-scheduled public star nights or schedule your own private observatory event (for free!)

**Longmont Astronomical Society (LAS):** promotes amateur astronomy through monthly meetings, star parties and public observing sessions. Meetings are open to the public.

**Sommers-Bausch Observatory (SBO):** Operated by the Department of Astrophysical and Planetary Sciences (APS) at CU Boulder. See the spring semester Friday night viewing schedule.
Want to see your astrophotos in the newsletter? Send them to: objview at nocoastro.org