

* CAS *

Charlottesville Astronomical Society



October 2021



Welcome Guests

Welcome Zoom Guests

New Members

Katie Lister

Ronald Huckstep



Club Business

- **CAS 2021 memberships**
- **Individual 36**
- **Family 30**
- **Student/military 3**
- **Senior 37**
- **Educators 0**
-
- **Total 106**



Club Business

- **CAS Bank Account Balance :** **\$113,088.39**
- **Future Astronomers Share:** **\$6,368.18**
- **Uncleared Checks:** **\$323.20**
- **Petty cash:** **\$110.00**
- **Total CAS cash assets :** **\$13,198.39**

CAS is a 501c3 Non-profit

DUES ARE DUE JANUARY 1



Elections for Officers 2022

These current officers have declared for 2022

- President – Steve Layman
- Vice President – Merian Burkett
- Secretary – Mark Ownby
- Treasurer – Mike Hegedus

Anyone else?

Elections will be held as part of the November
meeting



New Members – Get to Know Ed

CAS Mentor and Equipment Manager Ed Preston

I retired from a career in mechanical engineering in 2007. In 2008 my wife and I moved from Galveston County TX to Charlottesville. We live under a half-dark sky, but within easy reach of local commerce. I have been seriously interested in amateur astronomy since I saw M5 through a home built 17.7" Dob about 1986. My primary interest is in helping other amateur astronomers advance in the hobby. I also pursue still and video astro-imaging. Recently clouds have gotten in my way a lot, so, like making lemonade from lemons, I am branching out toward skyscapes and time-lapse video of clouds.

Ed is the person to contact about using one of the club loaner scopes ed.pr3ston@embarqmail.com



Astronomical Events for October

- October 6 – New Moon
- October 7 – Draconid Meteor Shower (8 -10 per hour)
- October 9 – Astronomy Day
- October 9-10 – Moon Venus Conjunction
- October 13 – 15 – Groupings of the Moon, Jupiter and Saturn in the south
- October 16 – International Observe the Moon Night <https://moon.nasa.gov/observe-the-moon-night/>
- October 20 – Full Moon
- October 21-22 – Orionid Meteor Shower (up to 20 per hour but the moon will be an issue this year)
- October 25 – Mercury Low in the east just before sunrise / AoT at Champion Brewing, Stonefield
- October 28 – NSN Webinar Series Exoplanets – Finding Life in the Galaxy https://us02web.zoom.us/webinar/register/WN_L62JCzHrQ9es7LSTdEgsWg
- October 29 – Venus at highest point in the west just after sunset



Astronomical League Observer's Handbook and Calendar

- Handbook \$24.00



- Calendar \$18.00



- https://store.astroleague.org/index.php?main_page=index&cPath=12

What's Up In October?

<https://m.youtube.com/watch?v=25XHe13OevA>



Website of the Month

<https://viewer.joomag.com/skys-up-global-astronomy-magazine-volume-iii-september-2021/0521946001631203262>

From Explore Scientific

SKY'S UP MAGAZINE



Upcoming Speakers

- **November**
- The NEW Great Observatories - Grant Tremblay, SAO
- **December**
- Shooting Stars – Jeff Ridder, CAS
- **January**
- George Ellery Hale. The Man, His Machines, and His Disease – Stacey Mills, CAS
- **February**
- Spectroscopy and Hypersonic Engine Design – Chloe Dedic, UVA Areospace Engineering

*****Looking for suggestions for 2021*****



CAS Observing Policy

If you are fully vaccinated or not, you are free to use your telescope when and where you wish, allowing whomever you wish to look through the telescope. CAS will not be sponsoring any events until further notice. It is suggested that if you are showing the night sky to anyone outdoors that you maintain social distancing and sanitize the telescope and eyepiece on any high touch surfaces.



Notice

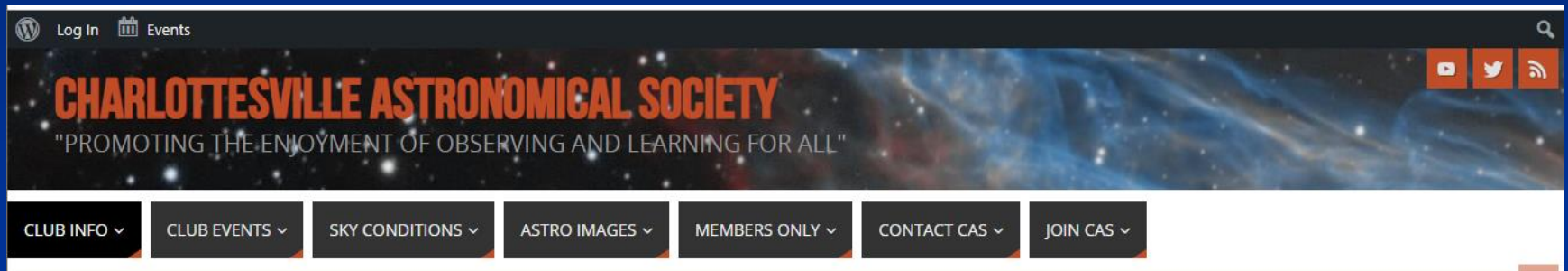
Please Note: There will NOT be a picnic style gathering of Astronomers on October 24 for a variety of reasons. ☹️

We are looking ahead to the spring. 😊



Ten Minute Topic

CAS Website 101 – Mark Ownby



Tonight's Speaker



BART DUNLAP
UT at Austin &
Sandia National Laboratory

White Dwarf Stars from the Inside Out

Next Meeting

Wednesday
November 3, 2021



Door Prize Drawing

