

* CAS *

Charlottesville Astronomical Society



November 2021



Welcome Guests

Welcome Zoom Guests

New Members

Christine Garland family

Edward Smith

James Stone



Club Business

- **CAS 2021 memberships**
- **Individual** **38**
- **Family** **31**
- **Student/military** **3**
- **Senior** **37**
- **Educators** **0**
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- **Total** **109**



Club Business

- **CAS Bank Account Balance :** **\$113,124.65**
- **Future Astronomers Share:** **\$6,368.18**
- **Uncleared Checks:** **\$27.38**
- **Petty cash:** **\$110.00**
- **Total CAS cash assets :** **\$13,207.27**

CAS is a 501c3 Non-profit

*****DUES ARE DUE JANUARY 1*****

Pay online at:

<https://www.cvilleastro.com/online-member-application/>



Elections for Officers 2022

These current officers have declared for 2022

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

No one else declared so we need a vote on the slate of officers – show of hands.



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

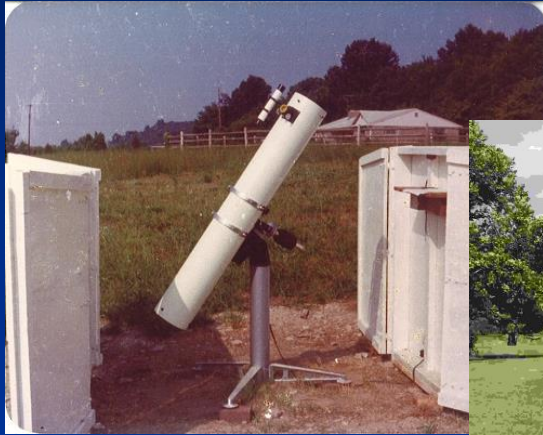


Member of the Month

- Interest in astronomy began at age 8 in 1969, with a borrowed 4.5 inch reflector on a homemade mount.
- Built first observatory in 1975 at age 14, for less than \$100, to house a 6-inch Criterion Dynascope.
- Became seriously addicted to astrophotography in 2006.
- Moved to rural Southside Virginia in 2011 from southeastern Pa, specifically for the darker skies, using light pollution maps to aid in property search. Current observatory hosts 2 piers dedicated to deep-sky imaging.
- Became involved with James River State Park in the summer of 2019, after donating a scope to the park, which ignited my interest in public outreach.



John Sokol



Astronomical Events for October

- 11/4 New Moon
- 11/4-5 Taurid Meteor Shower
- 11/5 Uranus at opposition
- 11/8 Venus near Moon early evening
- 11/11 First quarter moon w/ Saturn and Jupiter nearby
- 11/17-18 Leonid Meteor Shower
- 11/19 Full Moon (Beaver Moon)
- 11/19 Partial Lunar Eclipse
- <https://eclipse.gsfc.nasa.gov/LEplot/LEplot2001/LE2021Nov19P.pdf>
- 11/27 Last Quarter Moon

See John Avellone's email dated 11/3 for list of Galilean Moon transits of Jupiter

Look for Observing Information in emails from Merian Burkett



Highland Star Party

- The first of this year's star parties was held on a Saturday night on the weekend after the September New Moon weekend. Eight CAS members were in attendance, along with about thirty-five guests, and despite the lingering presence of high clouds from the forest fires out west, the observing under the dark skies of Highland County was generally excellent.
- The second was held on Friday night of the October New Moon weekend, and conditions were near-perfect, with even the faintest constellations clearly visible. Only six club members were present, along with a number of families with children in tow, and both guests and members reported that these were some of the darkest skies they'd ever seen; one guest described the experience with his family as "being one of their highlights of the last decade."
- Next year, in order to maximize the attendance, we will revert to having only one annual Highland Star Party, which will be held on the best observing night of the New Moon weekend of Friday, September 23rd - Sunday, September 25th, inclusive, with a rain date on the best observing night of Friday, October 21st - Sunday, October 23rd, inclusive.

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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 November?

<https://m.youtube.com/watch?v=fzeK4TcOSPU>



Website of the Month

Top Astronomy Websites Ranking by Traffic in
September 2021 | Similarweb

RECENT RANKING OF THE TOP 50+
ASTRONOMY RELATED WEBSITES



Upcoming Speakers

- **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*****

**MEETINGS WILL BE IN PERSON AT MC CORMICK
OBSERVATORY WITH NO ZOOM OPTION BEGINNING
JANUARY 5**

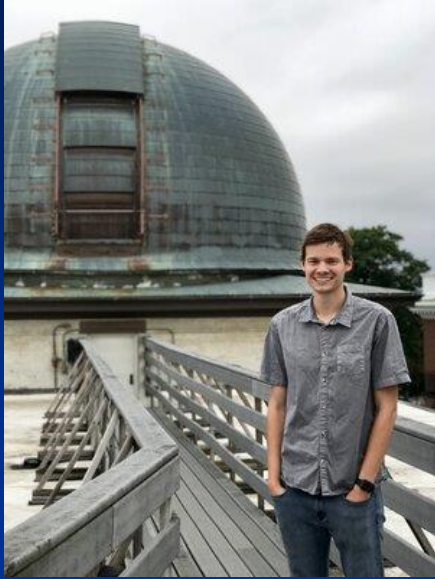


NEW CAS Observing Policy

CAS Council voted last week to re-open the club to in-person observing and outreach as of November 1. we will begin to schedule group and public observing sessions when and where the opportunity presents itself. When UVA re-starts Open House at McCormick, we will offer Group Nights on the 2nd and 4th Fridays and Heidi's Nights on 5th Fridays. It is suggested that those observing through telescopes be masked but it is NOT required.



Tonight's Speaker



**Dr. Grant Tremblay, Astrophysicist,
Smithsonian Astrophysical Observatory**

The NEW Great Observatories

Next Meeting

Wednesday, December 1

This will be our LAST Zoom meeting



Door Prize Drawing

