

* CAS *

Charlottesville Astronomical Society



May 2022
Hybrid Meeting

Welcome Guests Welcome Zoom Guests New Members

James Davis
Noah Flood Family



Club Business

- **CAS Bank Account Balance : \$14,390.24**
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- **Future Astronomers Share: \$6,101.61**
- **Uncleared Checks: \$0.00**
- **Petty cash: \$110.00**
- **Total CAS cash assets : \$14,500.24**

- **CAS 2022 Membership**

- **Individual** 33
- **Family** 38
- **Senior** 43
- **Student/Military** 3

Total 117

CAS is a 501c3 Non-profit

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



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



Moon Phases for May

EST = Eastern Standard Time (UT-5)
EDT = Eastern Daylight Time (UT-4)
DST = Daylight Saving Time

May 2022

NM = New Moon
FQ = First Quarter
FM = Full Moon
LQ = Last Quarter

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1 	2 	3 	4 	5 	6 	7 
8  FQ: 8:21 PM (EDT)	9 	10 	11 	12 	13 	14 
15 	16  FM: 12:14 AM (EDT)	17 	18 	19 	20 	21 
22  LQ: 2:43 PM (EDT)	23 	24 	25 	26 	27 	28 
29 	30  NM: 7:30 AM (EDT)	31 				

Astronomical Events for April

This month most of the planet action is in the morning sky

May 5-6	Eta Aquarid Meteor Shower
May 15-16	Lunar Eclipse
May 16	"Flower" Moon
May 29	Mars-Jupiter Conjunction
May 30	New Moon
May 30-31	NEW Meteor Shower!

- **Look for Observing Information in emails from Merian Burkett**



Club Outreach for April

- May 6 First Fridays at Ivy Creek – Star Party Edition
 - May 13 Group Night at McCormick Observatory
 - May 15 Big Meadows – Lunar Eclipse
 - May 16 Astronomy on Tap, Three Notch'd, 7 to 9 pm
 - May 21 James River State Park, Richmond Club
 - May 27 Group Night – Children's Hospital
 - May 27 Big Meadows
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- Rich Drumm coordinates Big Meadows events
 - Larry Saunders coordinates McCormick events
 - Steve Layman coordinates all others



ROCKFISH VALLEY STAR PARTY (REDUX)

LOCATION: FIELD BEHIND THE ROCKFISH VALLEY COMMUNITY CENTER.

DATES: JUN 24/25 , SEPT 16/17, DEC 16/17, 2022 AND, MAR 17/18, 2023.

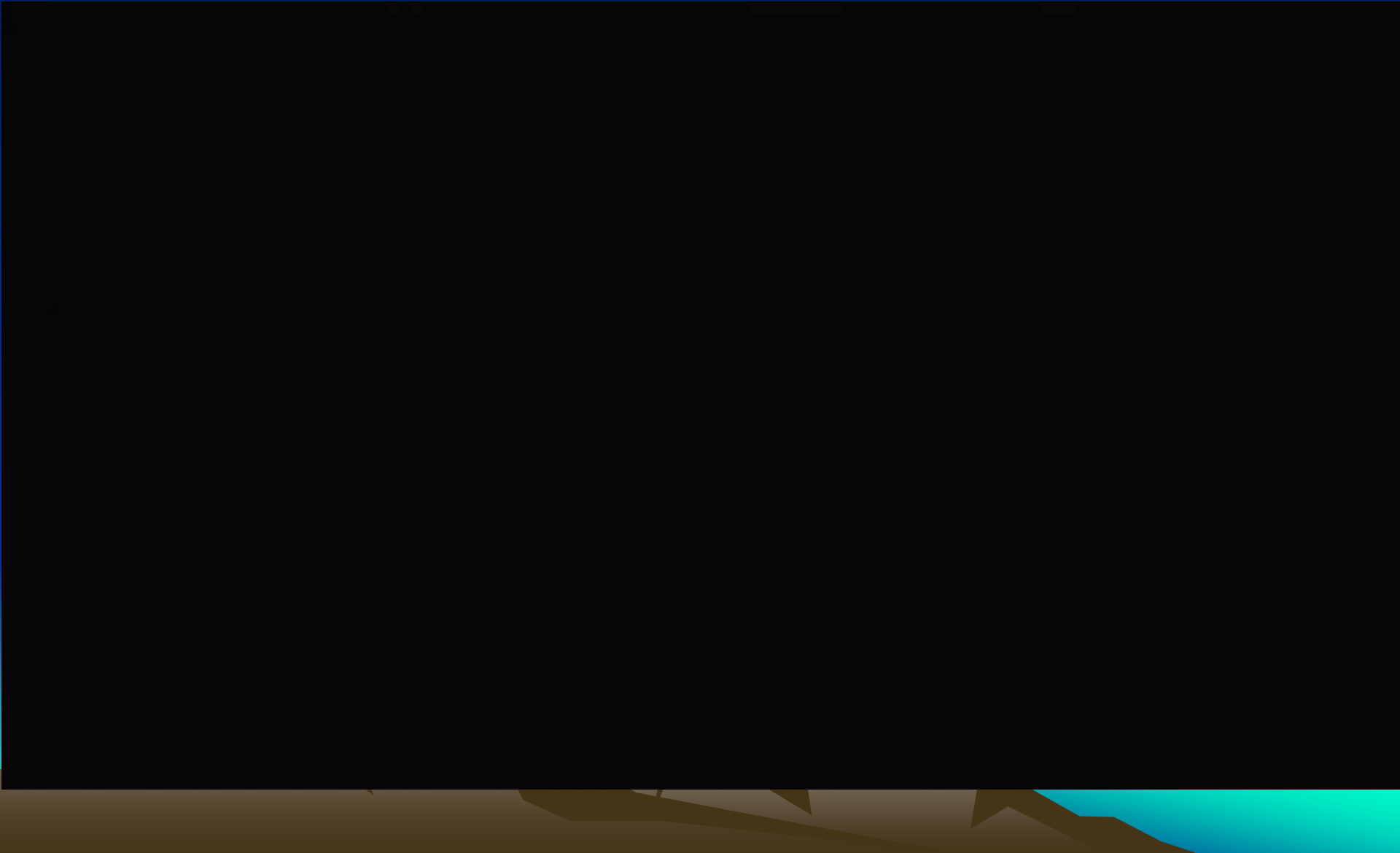
FEATURES: NIGHT SKY PRESENTATION BEFORE DARK SKY OBSERVING, EVSCOPE.

AMENITIES: RESTROOMS, GUEST CARS TO BE PARKED OTHER SIDE OF BUILDING, HOT CHOCOLATE AND LOCAL COFFEE, VEHICLE ACCESS TO FIELD.

CONTACT: ED.PR3STON@EMBARQMAIL.COM TO BE PUT ON MAILING LIST.



What's Up In May



Upcoming Speakers

- **May**
- Building Blocks of the Universe – Dr. Chris Neu, UVA High Energy Physics
- **June**
- NASA Wallops – David Pierce, Director, NASA Wallops
- **July**
- TBA – Dr. Seth Shostak, SETI Institute, Big Picture Science
- **August**
- TBA – Colin Haig, Diffraction Limited/SBIG
- **September**
- OPEN
- **October**
- TBA – Casey Drier, Chief Advocate for the Planetary Society
- **November**
- OPEN
- **December**
- OPEN



Tonight's Speaker



Christopher Neu
Professor of Physics
Director of the PhysicsBridge Program
University of Virginia

Looking Inward Rather Than Upward: Using the Large Hadron Collider to Pursue the Mysteries of the Universe



Next Meeting

Wednesday, June 1, 2022

McCormick Observatory

Hybrid meeting planned



Door Prize Drawing

Tonight's Prizes:

