

BBAA Astronomy Club meeting November 4, 2021, at Tidewater Community College, room JC-13. Also broadcast on Zoom.

Shawn Loescher Meeting called to order at 7:30 PM

Vice President Events Report (read by George Reynolds):

November 2021

- BBAA Club Meeting 11/4 @ TCC 7:30 PM
- Corn Watch @ Cornland Park, 11/5
- Nightwatch @ Chippokes Plantation State Park, 11/6
- The Nature Bus Star Party 11/12 @ 5:00 PM Cornland Park (backup 11/13)
- Moon Night at the Carrollton Branch Library 11/18 @ 7:00 PM
- Saturday "SUN"day@ Elizabeth River Park 11/20 10 AM
- Corn Watch @ Cornland Park, 11/26
- Skywatch @ Northwest River State Park, 11/27 5:00 PM

December 2021

- BBAA Club Meeting 12/2 @ TCC 7:30 PM
- Corn Watch @ Cornland Park, 12/3
- Skywatch @ Northwest River State Park, 12/4 5:00 PM
- Corn Watch @ Cornland Park, 12/10
- BBAA Annual Anniversary Luncheon, 12/11 @ Stripers Restaurant at Waterside, Norfolk, 12 PM
- Saturday "SUN"day@ Elizabeth River Park 12/18 @ 10 AM

As a note, please RSVP your attentions to attend these events on the Night Sky Network, BBAA calendar page. <http://backbayastro.org/calendar.php>

Secretary's Report:

A motion was made to dispense in the reading of the minutes, which was approved.

Scholarship Report:

No report at this meeting.

Treasurer's Report: (Richard Roberts):

- General Fund: \$5,022.20
- Primary Scholarship Fund: \$950.29
- GJ Scholarship Fund: \$ 604.00
- Total Funds: \$6,576.49
- Expenses: \$5,724.15
- Balance: \$6,576.49
- 161 Dues paid in full members

- 4 Honorary Members
- 13 Associate Members w/AL
- 2 Associate Members
- 146 Regular Members
- 165 Total Members on Roster

Alcor Report:

No report at this meeting.

RRRT Report:

No Report, but the telescope is up and running.

Old Business:

No report at this meeting.

New Business:

Georgie June Scholarship raffle has been pushed back to March 2022. The club will be raffling off a MagicMirror, an electronic whiteboard that displays astronomical information in real time. Tickets are \$5 each and are available for purchase from the four club officers.

Jeff Thornton reports:

The Kalamazoo Astronomical Society is giving the lecture series "Introduction to Amateur Astronomy". This is a repeat of the one given last year, which I attended. Anyone wanting to know more about astronomy and all the tools used to observe the heavens, I would highly recommend attending this one. Richard Bell has also invited us to attend the online viewing session starting on Saturday November 6th at 9:30 PM. he will be using the KAS Remote Telescope, a 20-inch PlaneWave CDK and Takahashi FSQ-106 on a Paramount MEII mount located under the dark desert skies of Arizona Sky Village. While attendees enjoy fresh images from the two telescopes, we'll provide background information and interesting scientific tidbits on each target. We also hope to enjoy some comradery with other amateur astronomers – basically turn it into a virtual star party! The full schedule and registration can be found on this webpage:

<https://www.kasonline.org/viewing.html>

The t-shirts sold so well that a new apparel order has been put in for 24 more t-shirts.

JUPITER ASTEROID IMPACT DETECTION PROJECT:

Dr. Kunio M. Sayanagi, Ph.D., Associate Professor of Planetary Science Department of Atmospheric and Planetary Sciences Hampton University has a research project to image Jupiter in an effort to detect asteroid impacts. He is wanting to capture and analyze 250 hours of Jupiter

imagery of sufficient resolution to be able to detect an asteroid impact. An impact typically lasts for about 1 second and analyzing several sequenced images sufficient resolution will reveal it.

Impacts can be detected with amateur grade telescopes and cameras, thus with the right tools anyone can contribute to this research project. All imagery will be accepted! You do NOT have to be a member of our club to participate.

A lot of good data has already been collected, but more is needed. Please see the following website to contribute:

http://www.astrosurf.com/planetessaf/doc/project_detect.php

Observing Reports:

George Reynolds reports that on October 20th, he was able to see the start of the Io shadow transit of Jupiter. One gets to know the real meaning of "moments of good seeing" when staring at Jupiter for more than an hour. It was cool watching the whole shadow transit, especially when the little moon Io emerged from Jupiter's brightness. It at first looked like a pimple on the planet's limb, and finally broke free and emerged, while its shadow gradually moved to the edge of Jupiter.

International Observe the Moon NIGHTS: We had a very successful two nights of observing the Moon and planets on the sidewalk in front of the Ted Constant Center (a.k.a. the Chartway Arena) for International Observe the Moon Nights. IOMN is usually a one-night event, but this year it became a 3-day affair in conjunction with the Barry Art Museum, Old Dominion University, the Chrysler Museum, NASA, and others. The middle night was weathered out, but Friday and Sunday were outstanding! We had around 400 people each night that were very interested in looking through the telescopes. With 15 to 20 telescopes, this was not a problem whatsoever. We passed out many BBAA business cards and two large stacks of Moon maps, compliments of Dr. Robert Hitt and the Chesapeake Planetarium. This year's IOMN was without a doubt a big success. Everyone was reminded to log your hours in the NSN. This is so the club can get credit for all its efforts in helping with this event.

Shawn Loescher was able to set up his telescope on Halloween night at his house and allow the kids and parents to look through it. He estimates that 150 people showed up to enjoy the views.

Club election:

November is our election month for new officers. This year the officers up for election are Treasurer and Vice President. Richard Roberts was nominated for Treasurer and Samantha Erb was nominated for Vice President.

Nominations were closed, and the following officers were elected this evening:

Richard Roberts- Treasurer

Samantha Erb- Vice President

* **Rachel Perry** has volunteered to be the new newsletter editor.

Meeting adjourned at 8:48 PM