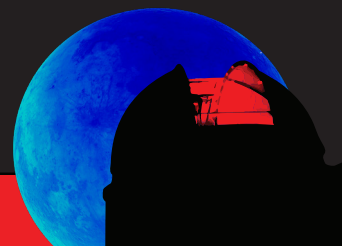


THE BLUE MOON OBSERVER

JANUARY 2024
Volume 26, Number 1



DOOR PENINSULA ASTRONOMICAL SOCIETY

Promoting the science and public education of astronomy, encouraging observational participation in astronomy, and providing outreach at the Leif Everson Observatory.



The Door Peninsula Astronomical Society is a local club and a chapter of the Astronomical League.

DPAS operates and maintains the Stonecipher Astronomy Center and the Leif Everson Observatory, which is equipped with a PlaneWave Instruments 17 inch f/6.8 Corrected Dall-Kirkham Astrograph telescope on a L-500 mount for astrophotography and research. On a portable mount is a 102mm refractor with a hydrogen alpha filter for studying details of activity on the sun.

DPAS also owns and operates a portable planetarium with a state-of-the-art computer projection system which is used on cloudy nights, for daytime activities, and for public outreach in local schools and libraries.



Ray and Ruthie Stonecipher Astronomy Center,
Leif Everson Observatory,
and Star Garden

PO Box 331
2022 Utah Street
Sturgeon Bay, WI 54235



Horsehead Nebula, DPAS (processed by Tim Austin)

WINTER STORM
THE JANUARY MEETING IS A DINNER!
JANUARY 9, 6:00 PM
Donny's Glidden Lodge
4670 Glidden Dr., Sturgeon Bay
TAKING A CUE FROM NASA AND ADVICE FROM NOAA, WE "SCRUBBED" THE 2024 DINNER DUE TO WEATHER.

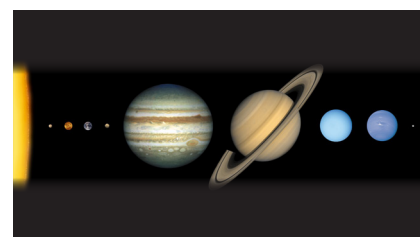
VIEWING NIGHT **JANUARY 13**
Join members of the Door Peninsula Astronomical Society as they explore the beautiful night sky in the Star Garden or with images from the new telescope. If skies are cloudy, planetarium shows will be offered in the Stonecipher Center.
Free and open to the public.
Astronomy Campus
2200 Utah St.
Sturgeon Bay

SATURDAY SCIENCE AT CROSSROADS

Every Saturday at 2:00, Crossroads offers free family hands-on programs in the lab at the Collins Learning Center. This month, two astronomy activities will be offered.

Free and open to the public.

Collins Learning Center
2041 Michigan St., Sturgeon Bay

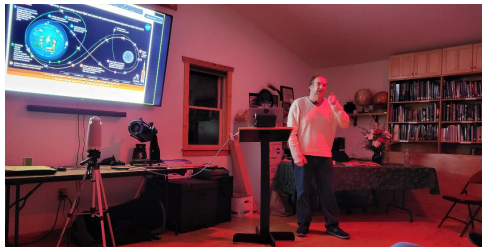


JANUARY 20, 2:00 PM
PROGRAM: Size of Planets



FEBRUARY 3, 2:00 PM
PROGRAM: Comet Chef

OUTREACH IN DECEMBER



DECEMBER 12

Monthly meeting featured Tom Minahan with the program: "Return to the Moon".



DECEMBER 16

December Viewing Night

Special Holiday Program presented by Amanda and Tim Austin



DECEMBER 20

Kewaunee 3rd Grade Class Trip

A large group of about 57 kids plus their teachers from Kewaunee 3rd grade. We split them up into 4 groups - Planetarium with Tim and Amanda, Observatory tour with Tom and Jenny, solar viewing (attempt - clouds) with Jim, and with Coggin at the Collins Learning Center for a video and lunch. Other than the solar viewing, it all worked out well.

MEETING HIGHLIGHTS

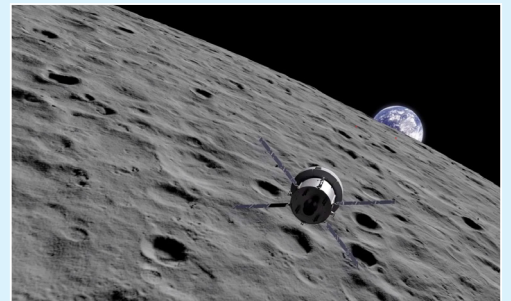


Program: When Will We Return to the Moon?

Presented by Tom Minahan

It's been over 51 years since humans last walked on the moon during the Apollo 17 mission in 1972. NASA is working on returning to the moon with an Apollo 8 type of crewed orbital flyby in late 2024 followed by a landing in late 2025 (very tentative dates!).

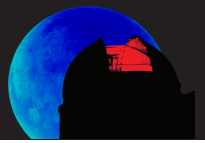
At our December meeting, DPAS Outreach Chair Tom Minahan offered a fascinating presentation including NASA videos outlining the plans for returning to the moon and what lies ahead for human exploration.



DECEMBER 22 & 23

Encore Performances of Holiday Planetarium Program

Back by popular demand!! Tim and Amanda repeated their stunning holiday-themed Planetarium to enthusiastic groups.



LETTER FROM THE PRESIDENT



As we start 2024, we find that DPAS has a very bright future with aspirations for many events for donors and public alike. The upgrades to our equipment over the past several years are now behind us and the equipment is working out better than we could have imagined. We now have full Planetarium shows at nearly every event and have been able to take it on the road to several schools to expose the students to all the night skies have to offer. The Observatory is running smoothly and the images we have been able to acquire are nothing short of amazing. I am happy to report that our intern, Amanda, from last year will be back for another year to build on the outreach programs she spearheaded to bring even more attention to what we have to offer.

With all the things we can now provide, we are asking for additional volunteers to help us with our events. You are not required or expected to be an expert, but simply have an interest in learning and helping others to be exposed to the night sky. We are looking for additional volunteers to learn to operate the Planetarium, Telescope, make a presentation, or simply help with managing the attendees that are now coming to our events. Please reach out to a board member if you are interested and we will provide any training required.

I am looking forward to a great 2024 and with your help we can make it the best year ever for DPAS!

Happy New Year,
Dave Lenius

President, Door Peninsula Astronomical Society

January 19, 2024. 7:00 PM EST

LIVE 2024!

ASTRONOMICAL LEAGUE

ALCON 2024

Alan Dyer
Photographing the 2024 Solar Eclipse

also
Carroll Iorg,
Terry Mann,
Scott Roberts,
and David Levy

Astronomical.League

ALCon 2024:
Kansas City, July 17-20, 2024

Watch Live Stream or Recorded:
[Explorescientific.com/live](https://explorescientific.com/live), or
www.facebook.com/Astronomical.League



BOARD OF DIRECTORS

David Lenius
PRESIDENT

Tom Gwilym
VICE PRESIDENT

Jacque Axland
SECRETARY/TREASURER

Tom Minahan
GENERAL MEETING SECRETARY
AND OUTREACH CHAIR

Steve Ransom-Jones
PROGRAM CHAIR

Jenny Austin
MEMBER AT LARGE

Jim Gallt
MEMBER AT LARGE

Coggin Heeringa
SCHOOL COORDINATOR, EDITOR

Ray Stonecipher
IN SPIRIT

The business of the DPAS is largely conducted at the Board meetings to leave the general meetings open for programs. Members of DPAS are invited to attend Board meetings.

DOOR PENINSULA ASTRONOMICAL SOCIETY MEMBERSHIP FORM

- ☐ **Lunar Level \$30**
- ☐ **Planetary Level \$50**
- ☐ **Asteroid Level \$100**
- ☐ **Comet Level \$250**
- ☐ **Nebula Level \$500**
- ☐ **Galaxy Level \$750**
- ☐ **Supernova Level \$1000**

Mail payment to: DPAS, PO Box 331, Sturgeon Bay, WI 54235

Please print to complete:

ADULTS' NAME (S)

CHILDREN'S NAME (S)

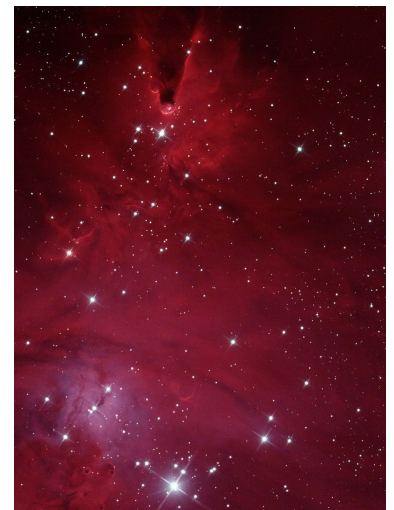
ADDRESS

CITY

STATE

PHONE

EMAIL (REQUIRED TO RECEIVE NEWSLETTER)



Christmas Tree Cluster, DPAS
(processed by Tim Austin)

DOOR PENINSULA ASTRONOMICAL SOCIETY
LEIF EVERSON OBSERVATORY & ASTRONOMY CAMPUS 2200 UTAH ST., STURGEON BAY

