

# Antares

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## The Newsletter of the Kansas Astronomical Observers

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Meeting time: **January 16, 2021 3:00PM CST**

All club members must pre register for the meeting. This is to enable non club members to attend the meeting as guests. This is to help keep trolls out of our meeting.

Location: *Click here to preregister for the meeting => [Zoom Meeting](#)*

*After registering, you will receive a confirmation email containing information about joining the meeting. **Note that the club has a Zoom account and those attending don't need to make one.***

Speaker: **Tom Field**  
Topic: **Spectroscopy**

**KAO Website:** <http://www.kaowichita.com>  
**The Night Sky Network:** <http://www.nightsky.jpl.nasa.gov>  
**The Astronomical League:** <http://www.astroleague.org>

If you have comments or suggestions for an article in the newsletter, e-mail them to:  
[kevin.l.kight@gmail.com](mailto:kevin.l.kight@gmail.com) \*Please begin the subject line with "Antares"

### **Current Club Officials**

<b>President:</b>	<b>Jerelyn Ramirez</b>	<a href="mailto:jerelyn.ramirez@gmail.com">jerelyn.ramirez@gmail.com</a>
<b>Vice-President:</b>	<b>Tony Haidai</b>	<a href="mailto:thaidai@cox.net">thaidai@cox.net</a>
<b>Treasurer:</b>	<b>Paul Ramirez</b>	<a href="mailto:ramirezpm2@gmail.com">ramirezpm2@gmail.com</a>
<b>Newsletter/Media:</b>	<b>Kevin Kight</b>	<a href="mailto:kevin.l.kight@gmail.com">kevin.l.kight@gmail.com</a>

**Next Month's Meeting: February 20**

# Club Updates:

## **Call for Meeting Speakers:**

For those members that wish to create and present during a club meeting, or that have a suggestion for a guest speaker during the fall and winter meetings, contact the Club Vice-President: Tony Haidai ([thaidai@cox.net](mailto:thaidai@cox.net))

## **Note about the Virtual Meetings:**

You are not required to have an account with Zoom to join as an attendee to the meeting. The club already has an account and all club members and guests are welcome to attend the Zoom meetings. Just fill out the Name, email, and confirmation email field boxes, and answer the two questions then select Register at the bottom of the screen. It has been removed as a requirement to be a Zoom account holder to attend club meetings. Sorry for the confusion.

## **Membership Renewal:**

The Kansas Astronomical Observers is holding its membership renewal campaign for 2021. If you wish to renew your dues please submit them to our Club Treasurer Paul Ramirez  
106 E. Mount Calvary Rd.  
Saint Marys, KS 66536

The campaign will expire on February 28, 2021 to which non-paid members will be removed from the club roster.

Dues are \$20 per year per individual. If your mailing address, email address, or phone number has changed please let Paul know so we can keep the KAO and Astronomical League roster updated. Please refer to the [Membership Application](#) Form for the family rates on club dues.

## **Newsletter Items for Publication:**

Please submit items for publication prior to the 10<sup>th</sup> of each month to be included in that month's newsletter.

## **Membership Update:**

New club member joined:

Greta Speer  
Clelleshia Speer, both from Neodesha KS

61 club members.

## **Club T-shirts and Mugs available:**

Members can order a club t-shirt for \$10, we just need your size and quantity. KAO logo coffee mugs are now available for \$10 each. The club logo is printed on both sides. They are 11 oz. and proceeds will contribute to the library telescope fund.



## **Virtual Meeting Notes:**

Attached is a synopsis of the virtual meeting held for December 19 on Zoom.

## **Televue Eyepieces for Sale:**

Attached is a an advertisement from David Stanislav for his two remaining eyepieces he is selling. The prices are negotiable. Remaining is a 21mm Ethos and a 10mm Ethos.

# Lunar and Planetary Information:

## Moon Phases:

**Last Quarter:** Jan 6  
**New Moon:** Jan 13  
**First Quarter:** Jan 20  
**Full Moon:** Jan 28

**Last Quarter:** Feb 4  
**New Moon:** Feb 11  
**First Quarter:** Feb 19  
**Full Moon:** Feb 27

## Planets:

**Mercury** – In Capricornus, sets approximately 6:15pm  
**Venus** – In Sagitarius, rises approximately 6:30am  
**Mars** –In Aries; transits approximately 7:00pm  
**Jupiter** – In Capricornus; sets approximately 6:30pm  
**Saturn** – In Capricornus; sets approximately 6:20pm  
**Uranus** – In Aries; transits approximately 7:30pm  
**Neptune** – In Aquarius; sets approximately 10:10pm

## Comets:

Listed below are comets possibly visible in telescopes from the Wichita area (approximately cutoff at magnitude 15; if available the observed magnitude is used in favor of the JPL prediction). Magnitudes shown are approximate predictions for mid-month. Links are provided for additional information:

<https://cometchasing.skyhound.com/>

**No known comets visible**

## Event Reports:

If you've participated in a club event, please submit an event report to be included here by the 10<sup>th</sup> of each month. It doesn't have to be anything formal, just a brief description about the event and how it went. Credit will be given unless you request to be kept anonymous.

### **Rossville Library Event**

Jerelyn Ramirez has provided an event report for an event at the Rossville Libarry. See addendum for details.

## Upcoming Regional Events:

**Currently there are these events are tentatively scheduled in the event restrictions due to the pandemic are relaxed. Check NSN for the latest information.**

### **Fall River Star Party**

The Fall River Annual Event has been scheduled for August 6 - 7 this year.

### **Symphony in the Flint Hills**

The 16th Annual Symphony in the Flint Hills is scheduled for June 12, 2021. The theme is the Santa Fe Trail held in Morris County.

### **ALCON**

The ALCON 2021 is scheduled for August 5 - 7. The location is Albuquerque, NM.  
[alcon2021.astroleague.org/](http://alcon2021.astroleague.org/)

Hosted by: The Albuquerque Astronomical Society [www.TAAS.org](http://www.TAAS.org)

## Upcoming KAO/Public Events:

**See NSN for latest information and new events as they are added**

If you are looking for something to do astronomy related and the sky conditions are not good or you're looking for something astronomy related in the news or even a virtual activity, there are postings on our calendar that may be of interest to you. There are virtual events, live chats, Webinars, von Karman lectures, Cosmic Coffee Episodes, even observing events. The observing events could include planet oppositions, meteor showers, or greatest elongations. Go to the club's calendar to find out more information about each of the event postings. You can then select any of the listed calendar events and it will display more information about the event. You can scroll forward through the months to see new listings as they are posted. It is unfortunate nearly all live in person events have been canceled due to the pandemic, so this may fill that gap.

**Due to the pandemic, Public Events for the next several weeks are canceled.**