

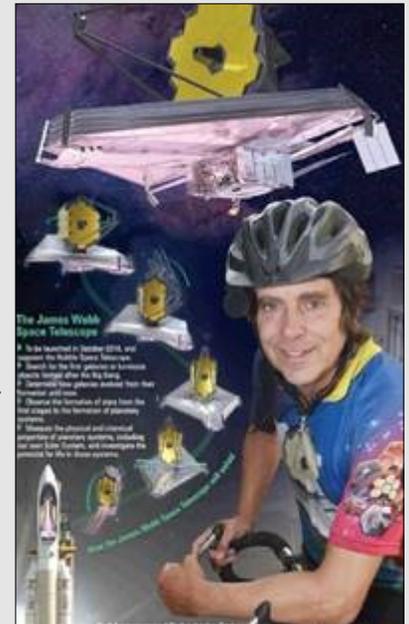
Invitation to 2021 Galaxy Forum

Webb Space Telescope headlines 2021 Galaxy Forum

A space observatory located 1,000,000 miles from Earth? That's right!

The James Webb Space Telescope (JWST) is 7x more powerful than the Hubble Telescope, and will do its observing one million miles from Earth. Teachers will be ahead of the curve with current information about JWST and its launching (currently scheduled for late 2021) to share with your students.

Access this at the 13th annual Ad Astra Galaxy Forum on Saturday, August 21. This FREE event will run from 1-3 p.m. at the Cosmosphere in Hutchinson. Both in-person and virtual options to attend available.



Purpose: To provide teachers with timely information to take back to the classroom on advances in studying our universe.

Objectives: Teachers will:

1. Learn about this orbiting infrared observatory which will be the premier space observatory for the next decade. Speaker Dr. Scott Acton of Ball Aerospace has worked on the JWST since 1998. He has given over 75 JWST presentations in 10 countries. This is his first in Kansas. This presentation is heavy on pictures and animations.

With its longer wavelength coverage and greatly improved sensitivity, JWST will complement and extend discoveries of the Hubble. JWST will be able to take a much closer look at the beginning of time and to hunt for the unobserved formation of the first galaxies, as well as to look inside dust clouds where stars and planetary systems are forming today.

2. Learn about how we use different types of particles to peer into places in space we cannot directly see with light. This includes the Sun's core or black holes. Speaker Dr. Nick Solomey of WSU is currently working on a NASA project about just that.

3. Be updated on what new answers (and questions) the Mars rover, Perseverance, has given us. Speaker Sarah Lamm, KSU grad student in geology interned this summer with NASA JPL doing research with implications for future Mars rovers. Lamm is also a NASA Solar System Ambassador.

4. Be updated on AAKF progress in providing new opportunity for college students statewide to learn about "Interstellar 101". This from AAKF board member Steve Durst.

Q and A after each presentation. Open to both students and teachers. Attendance certificate available. Geared towards middle school on up. This event is FREE of charge. Space is limited. To reserve seating send name, school and number attending to jeanettesteinert@att.net. Feel free to forward any questions to the same e-mail address. To attend virtually, it will be LIVE on our Ad Astra Kansas Foundation facebook page. No registration needed.

Sponsored by the 501c3 Ad Astra Kansas Foundation to promote science education in Kansas. This will be our 13th annual Galaxy Forum. Thanks to the Cosmosphere for their cooperation.