

October 24 / 1-2:30 p.m.

2020 GALAXY FORUM

At  
the Cosmosphere  
Or  
virtually  
on the  
Ad Astra Kansas  
Foundation  
Facebook  
page



# "Artemis and Beyond"

## SPEAKERS

### **Artemis**

**Michael Staab / NASA / Northrup Grumman**

Staab is currently Fault Management and Systems Autonomy Principal Engineer for the Lunar Lander and Lunar Gateway missions for the Artemis program at Northrup Grumman in Virginia.

Previously, he worked at NASA JPL in Mission Operations with Cassini and as a Flight Systems' Systems Engineer with the Mars 2020 rover. A native Wichitan, he is a 2007 graduate of Maize High School. Staab earned an aerospace engineering degree in 2013 from Wichita State University and a master's from Georgia Institute of Technology. He is a former Cosmosphere Camp and space educator alum.



### **The Moon**

**Martin Ratcliffe / WSU Cohen Honors College**

Ratcliffe earned a BSc degree in astrophysics from the University College London in 1985. He has been a science writer in astronomy and cosmology for over 35 years, and a monthly contributor to Astronomy Magazine since 1996. An internationally-known planetarium designer, developer and educator, Ratcliffe designed, installed and directed the Boeing Planetarium at Exploration Place in Wichita for eight years.

Ratcliffe is a faculty fellow in astronomy for the Dorothy and Bill Cohen Honors College at Wichita State University teaching two honors courses a year on astronomy and cosmology. Among the four books he has written is "Cosmology and the Evolution of the Universe", an entry level text for high school and first year college students. He was also on the outreach advisory board for the Large Synoptic Survey Telescope (LSST) project from 2008-2016.



### **Mars**

**Sarah Lamm / Kansas State University**

An aspiring planetary scientist, Sarah Lamm is a master student in geology at Kansas State University and originally from Colby, Ks. She was a team member on the Curiosity Rover for three years and worked for Los Alamos National Laboratory for three summers. Her current research is creating a Raman calibration for Clorite minerals. Her research will have applications for future Mars Rovers. Lamm graduated from Kansas State University in 2018 with degrees in chemistry, geology, and geography. She was selected as a 2019 Mars Generation 24 Under 24 Leader in STEAM & Space.



### **Interstellar Education**

**Steve Durst / Space Age Publishing Co.**

Durst is a co-founder of the AAKF. Durst, whose Space Age Publishing Company has offices in Hawai'i and California, has focused on space news and exploration for over 40 years. A graduate of Stanford, durst is active in the "Stanford on the Moon" project and the International Lunar Observatory Association.



## INVITED

### **Alpha Centauri / Proxima b**

**Dr. Gerald Jackson / Hbar Technologies LLC.**

Jackson's company is in the midst of a NASA-funded study of a robotic mission to Alpha Centauri and the habitable-zone exoplanet Proxima b. Jackson has a doctorate in accelerator physics from Cornell University and spend 14 years at Fermilab.

[To main flyer](#)

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