

3-D Thursdays!

"Three-Dimensional" Series for Rural K-12 Educators

● Professional Development

● Networking

● NGSS Connections

First Thursday of Each Month

Upcoming: April 6th at 7:00 pm Central Time

With hosts Dr. Rachael Arens, Research Associate at NASA/NAU PLANETS and Luke Henke, Albert Einstein Distinguished Educator Fellow at NASA

Do you want to learn more about the two upcoming solar eclipses? Join us as Dr. Duncan and Dr. Keller discuss solar eclipses--from their first, seen from a rural village in remote Mexico, to the one that proved Einstein's General Theory of Relativity that space can be bent, to the upcoming eclipses. We will also explore their invented "Solar Snap," which allows anyone to take photos of the sun using a smartphone camera and share the first of the Fiske Planetarium's videos of the "Ring-of-Fire" October annular eclipse and the total solar eclipse.

Special Guests



Dr. Douglas Duncan

Dr. Douglas Duncan is an astronomer at the University of Colorado. From 2002-2018, he directed the Fiske Planetarium, leading it to be one of the most advanced planetariums in the US. Duncan was part of the project that first found sunspot cycles on other stars, and then he was on the staff of the Hubble Space Telescope.

Dr. Duncan is well known as a popularizer of astronomy. From 1997-2002, he did science commentary on the Chicago Public Radio station WBEZ, and he is now heard on the Colorado Public Radio program "Colorado Matters." He has appeared on programs such as the History Channel and BBC Horizon. In 2011 he received the prestigious Richard Emmons award presented to the "Outstanding University Astronomy Teacher in the US." He has a grant from NASA to produce and distribute short video features highlighting NASA missions and encouraging young people in space-related careers. His production team is now releasing free videos about the 2023 and 2024 US eclipses.



Dr. John Keller

Dr. John Keller is a Teaching Professor of Distinction in Astrophysical and Planetary Sciences and Director of Fiske Planetarium at the University of Colorado Boulder. Keller taught high school science and helped run a middle school astronomy education center for roughly a decade before pursuing his PhD in Planetary Science at the University of Arizona. During the past five years at CU Boulder and ten years prior at Cal Poly San Luis Obispo, Keller has been heavily involved in STEM teacher preparation along with citizen science efforts involving high schools in rural parts of the western US to study asteroids in the outer Solar System. Keller is the Science PI for a NASA Science Activation project titled "Science through Shadows."



Partner



Albert Einstein

Distinguished Educator Fellowship Program



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