

PUNCH Public Engagement

Monthly Newsletter Issue 2: Dec 2022

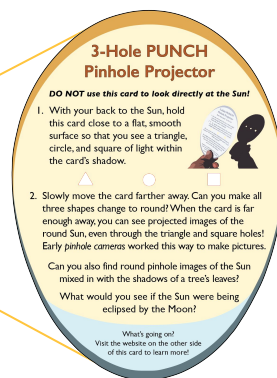
Shining New Light on Diverse Views of the Sun
with our Ancient & Modern Sun-Watching Theme



Did You Know?

Did you know that the PUNCH mission is not a telescope? It is actually a constellation of four Earth-orbiting *cameras*, each of them aboard a suitcase-sized spacecraft making images of the corona and solar wind between Sun and Earth. We'll combine these images to do continuous tracking of solar storms in 3D!

PUNCH Outreach Presents at ASP and AGU



If you would like to be notified when PUNCH Outreach products become broadly available, please let us know at tinyurl.com/PUNCHOutreachProducts. We recently presented upcoming products at two conferences: the Astronomical Society of the Pacific Annual Symposium (on Dec 8th) and the American Geophysical Union meeting (on Dec 14th). We tested prototype versions of our *PUNCH Team Trading Cards*, our *3-Hole PUNCH Pinhole Projector* (see above photo at AGU with PUNCH Project Manager Ronnie Killough), and other activities like *Birthday Sunrises on a Chaco Canyon Horizon* and *Seeing with Your Hands*, which is a synesthetic exploration of tactile art representations of the solar corona.

Seeking Help to Identify Common Misunderstandings about Sun-related Science

To support the successful communication of heliophysics to non-specialists, our Science and Outreach Teams are developing a compendium of common misunderstandings about the science of the Sun and our space environment. We invite all those who do science, education, or outreach about the Sun to take part in [our survey!](#)



PUNCH Outreach and Girl Scout Astronomy Clubs

On November 15th a team of two PUNCH scientists and five outreach professionals contributed a 1-hour national webinar at a monthly meeting of Girl Scout Astronomy Clubs. We field tested a new "search & sort" capacity for our prototype *PUNCH Team Trading Cards*. We look forward to continuing our relationship with Girl Scouts and to field testing our forthcoming prototype Girl Scout patch on Ancient & Modern Sun-watching. Our preliminary design for the physical patch (image right, by D. Kolinski) is based on our PUNCH Outreach logo.



Your Solar Photo of the Month

Every month we feature a photo submitted by readers that portrays a personal experience of the Sun. Get creative and multi-sensory! See bottom of page for submission info.

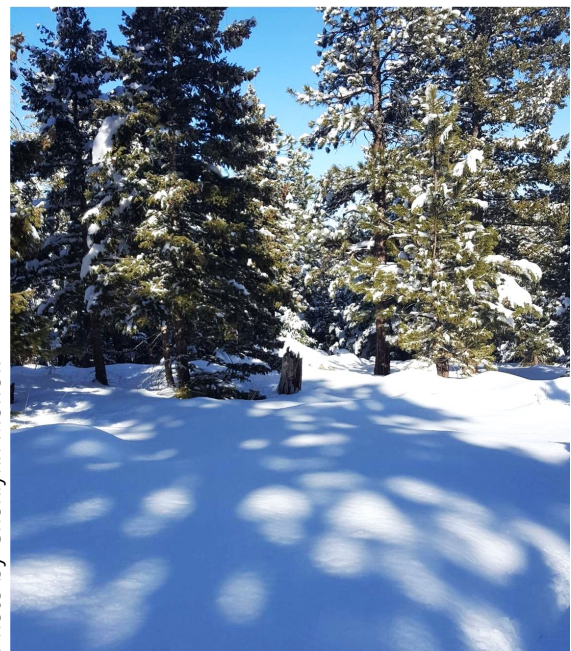


Photo by Cheryllnn Morrow

Solstice Greetings to you! Large pinhole images of our day star form on the snow as sunlight plays through Ponderosa Pine trees in the foothills of Boulder, Colorado. We include this image and many others in our new prototype of an [explanatory presentation of pinhole projection](#). Check it out if you *really* want to understand and appreciate the marvel of making images of our round Sun from *non-round* holes. Please enjoy this gift along with a cup of your favorite beverage!