

NASA's Heliophysics Big Year May 2024 – Visual Art

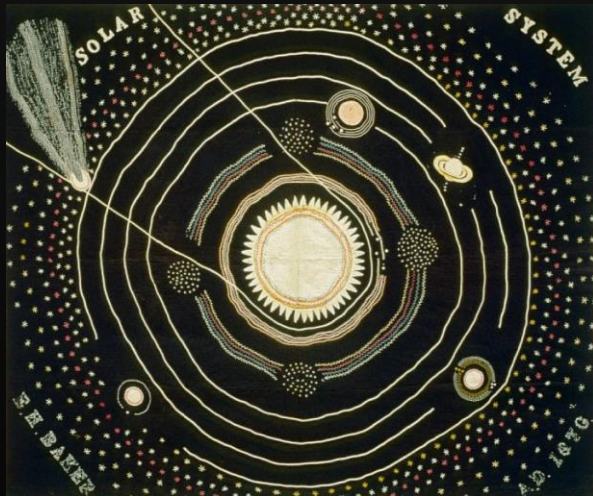
Dr. Lisa A. Upton

COFFIES Seminar
May 14th 2024



Unknown, Headdress Ornament, 1st–7th century.
Made in Colombia, Calima (Yotoco).

Pueblo petroglyphs depicting a solar eclipse, possibly
from A.D. 1097, Chaco Canyon, New Mexico



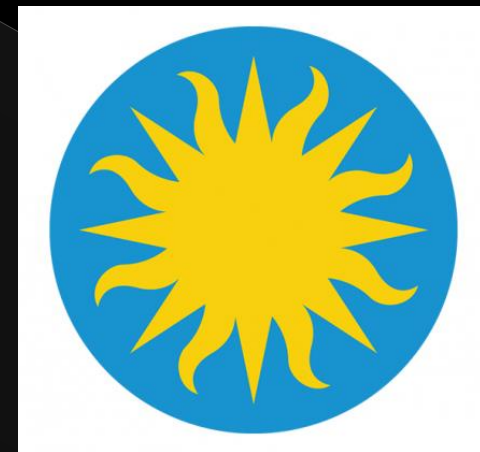
Ellen Harding Baker, *Solar System*, 1876, wool quilt,
Smithsonian National Museum of American History.
(Smithsonian Institution)

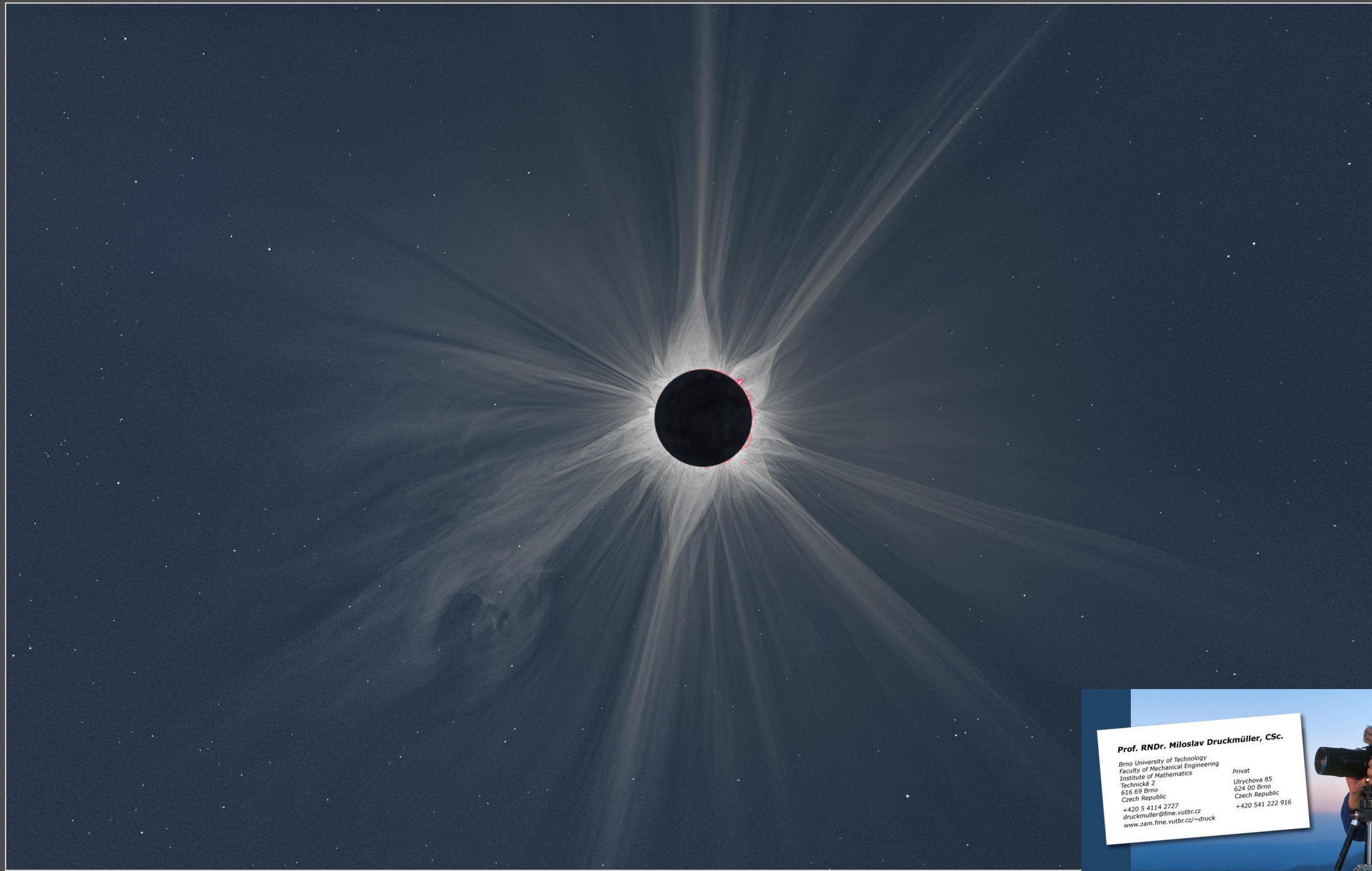
Vincent Van Gogh, *The Sower at sunset*,
June 1888, France.



Alma Thomas, *The Eclipse*, 1970, acrylic on canvas,
Smithsonian American Art Museum.

The sunburst logo symbolizes the Smithsonian's
dedication to enlightening audiences everywhere.
(Smithsonian Institution)





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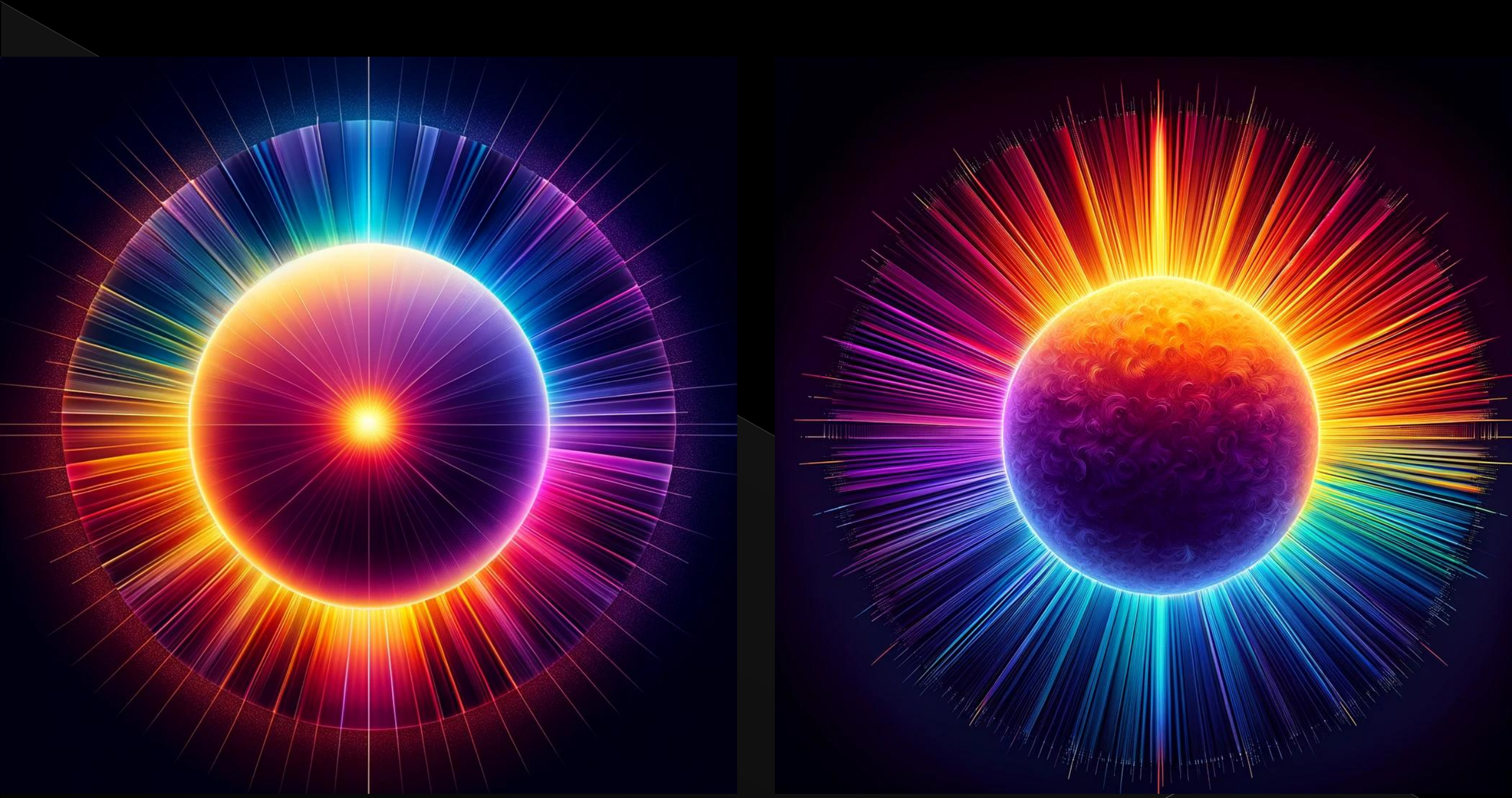
“The 656nm Hydrogen Alpha full disk image was taken in good seeing conditions on December 22, 2023 with a 40mm single stack Lunt 40mm scope in my front yard in Westport.” - **Franco Fella, WAS**

I've recently developed a new artistic hobby of my own....

.... I'd love to share with you today.

I've been having a lot of fun creating art with DALLE, OpenAI's AI image generator.

<https://openai.com/dall-e-3>



The Solar Spectrum – created by L.A. Upton using DALL-E 3



The Fractal Sun – created by L.A. Upton using DALL-E 3



The Solar System – created by L.A. Upton using DALL-E 3



The Eclipse – created by L.A. Upton using DALL-E 3



Eclipse Over the Ocean – created by L.A. Upton using DALL-E 3

**Thank you for allowing me to
share with you!!**

**Now, I challenge you to go out there,
get creative,
and make your own Solar inspire art,
in whatever form inspires you!!**

COFFIES Virtual Workshop: Science of the Poles

NASA's COFFIES DRIVE Science Center is organizing a **one-day virtual workshop** on “*The Science of the Poles*” to be held on **Wednesday June 26th, 2024 from 9:00am-2:30pm PT** (12:00pm-5:30pm ET). From Fields and Flows to Open Flux and Coronal Holes, there is much to learn and discover about this largely unexplored region of the Sun. If you are interested in the Sun's polar regions, please join us for this cross-disciplinary look at *The Science of the Poles*! This workshop will feature **Scene Setting Talks, Lightning Talks, and Group Discussion Sessions**.

To register, suggest a topic for discussion, or request a contributed Lightning Talk (2-3 slides), please register here: <https://forms.gle/XyZFu6oAdRLrKV3M6> (link in SolarNews tomorrow). The Zoom link to join the meeting will be sent out to registered participants prior to the meeting.

More information will be posted on our website as it becomes available: <https://coffies.stanford.edu/>

NASA's HBY Themes

- ◉ **May 2024 – Visual Art:** The Sun has been depicted in art for thousands of years. This month looks at ways artists around the world are portraying the Sun, from graphic illustrations to street art to ceramics.
- ◉ **June 2024 – Performance Art:** The Sun also shows up in music and dance – two areas that will be celebrated this month.
- ◉ **July 2024 – Physical and Mental Health:** How many steps would it take to walk to the Sun? This month explores connections between the Sun and our physical and mental health from solar-inspired sports teams to Sun-themed meditations.
- ◉ **August 2024 – Back to School:** To close out the summer, this month's activities are designed specially for kids of all ages.
- ◉ **September 2024 – Environment and Sustainability:** The Sun is a powerful source of energy. This month takes a look at how solar power works and how Heliophysics missions use it to power their science.
- ◉ **October 2024 – Solar Cycle and Solar Max:** The Sun's 11-year activity cycle will be nearing its maximum point during this month, which will include activities to explore the solar cycle.
- ◉ **November 2024 – Bonus Science:** The Heliophysics Big Year isn't over yet, and this month will explore unexpected heliophysics discoveries and connections to other scientific divisions.
- ◉ **December 2024 – Parker's Perihelion:** This month, NASA's Parker Solar Probe mission – the first spacecraft to “touch” the Sun – will make its closest approach to the Sun and close out the Heliophysics Big Year.

NASA's Heliophysics BIG Year!!

- October 2023, NASA is launched the [Heliophysics Big Year](#) – a global celebration of solar science and the Sun's influence on Earth and the entire solar system. Modeled after the “Big Year” concept from citizen scientists in the bird-watching community, the Heliophysics Big Year challenges everyone to get involved with fun Sun-related activities.
- For each month from October 2023 to December 2024, the Heliophysics Big Year will celebrate under a theme, sharing opportunities to participate in many solar science events from watching eclipses to joining citizen science projects. During the Heliophysics Big Year, participation isn't limited to science – NASA invites everyone to celebrate the Sun with activities including dance, fashion, sustainability, and more.

I want to focus on this month's theme

- ◎ **May 2024 – Visual Art:** The Sun has been depicted in art for thousands of years. This month looks at ways artists around the world are portraying the Sun, from graphic illustrations to street art to ceramics.

