

# Solar and Stellar Variability and its Impacts on Earth and Exoplanets

## 18<sup>th</sup> Sun-Climate Symposium, 17-20 October 2023



# *Solar and Stellar Variability and its Impacts on Earth and Exoplanets*



## Sun-Climate Symposium October 17-20, 2023



### Science Organizing Committee (SOC)

- **Odele Coddington**, Laboratory for Atmospheric and Space Physics
- **Jeff Hall**, Lowell Observatory
- **Dan Lubin**, Scripps Institution of Oceanography
- **Greg Kopp**, Laboratory for Atmospheric and Space Physics
- **Joe Llama**, Lowell Observatory
- **Jae Lee**, NASA Goddard Space Flight Center
- **Peter Pilewskie**, Laboratory for Atmospheric and Space Physics
- **Doug Rabin**, NASA Goddard Space Flight Center
- **Erik Richard**, Laboratory for Atmospheric and Space Physics
- **Tyler Ryburn**, Lowell Observatory
- **Tom Stone**, USGS Astrogeology Science Center
- **Ed Thiemann**, Laboratory for Atmospheric and Space Physics
- **Tom Woods**, Laboratory for Atmospheric and Space Physics
- **Dong Wu**, NASA Goddard Space Flight Center

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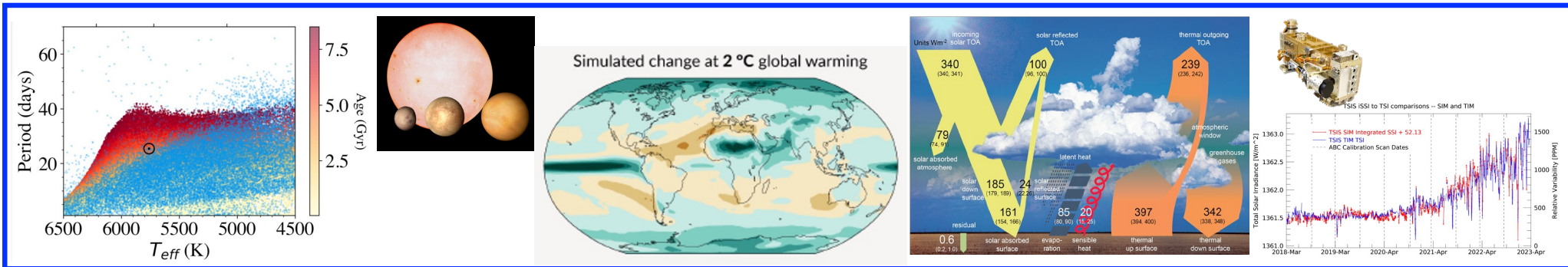
Steve Penton



# 2023 Sun-Climate Symposium Wrap-Up

## • Presentation Sharing:

- We will post PDF files of the oral and poster presentations on the TSIS meeting site
- **Tell us if you do NOT want your presentation shared**
- Send us your presentation (if you used your own computer) to [kelly.boden@lasp.colorado.edu](mailto:kelly.boden@lasp.colorado.edu)
- 80 presentations in 6 sessions about solar analogs, exoplanets, long-term climate change, short-term climate change, and solar / climate recent trending



Oct 14 Eclipse



Lowell Observatory



Horseshoe Canyon



Painted Desert Pueblo  
Summer Solstice Marker

# Planning for 19<sup>th</sup> Sun-Climate Symposium

- NASA GSFC and CU LASP have had this series of Sun-Climate Symposiums since 1999 with cadence of about 12-24 months
- We're considering **spring 2025** as time for next one
  - e.g. **May** (after university spring semesters are completed but before summer vacation period)
  - **Ideas for theme ?**
    - Polar climate changes and long-term solar variability
    - Energy Imbalance (post CLARREO launch ?)
    - **Volunteers for next symposium SOC ?**
  - **Ideas for location ?**
    - East coast, e.g., Maine
    - **Fairbanks, Alaska** (UAF-GI scientists as SOC & LOC members)

Date	Location
2023 October	Flagstaff, AZ
2022 May	Madison, WI
2020 January	Tucson, AZ
2018 March	Lake Arrowhead, CA
2015 November	Savannah, GA
2014 January	Cocoa Beach, FL
2012 September	Annapolis, MD
2011 September	Sedona, AZ
2010 May	Keystone, CO
2009 July	Montreal, Canada
2008 February	Sante Fe, NM
2006 September	San Juan Islands, WA
2005 September	Durango, CO
2004 October	Meredith, NM
2003 December	Sonoma, CA
2002 July	Steamboat Springs, CO
2000 September	Snowmass, CO
1999 August	Taos, NM