The Eclipse “Fever”: being always open to new science

AAS Eclipse Workshop Sept 29-30, 2023  Costantino Sigismondi  sigismondi@icra.it
San Antonio, TX  in memoriam of J. M. Pasachoff and S. Koutchmy

The eclipse fever is related to an intense preparation to observe this event.

Strong gratifications & delusions are possible also in sunsets, sunrises, planetary & meridian transits, equinoxes, solstices...always related to Celestial Mechanics and Solar Astrometry, when a passage through a line is timed to get the solar diameter. Why the fever? Here my answers

1. Good observations stands forever (H. Shapley)
2. Astronomical events are unique in spacetime
3. A scientific campaign is a logistic/economic effort
4. Eclipses are opportunities for solar limb & corona physics
5. The Dark Sun and its environment are unforgettable
6. Eclipse and ... beauty chasers!

The Sun before the 2023 Fall equinox on the 1702 Great Meridian Line

Art & Celestial Mechanics @ S. Maria degli Angeli, Rome

The geometrical order of Nature is beauty
Codex Vindobonensis 2554, f.1 verso