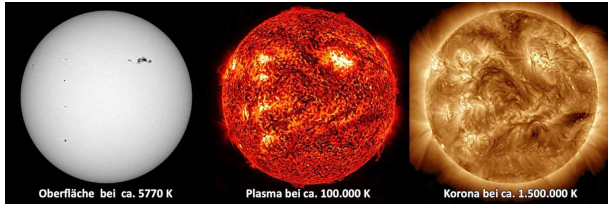
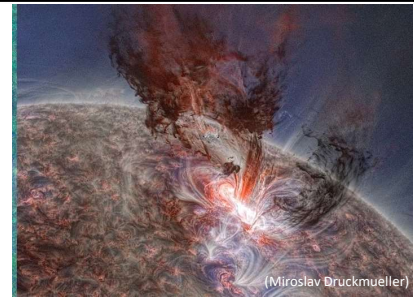


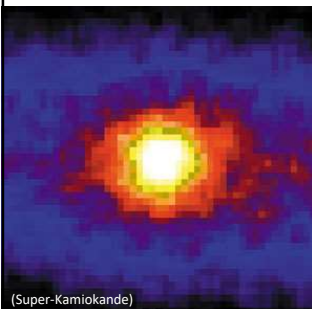
The Sun as Multi-Messenger Object



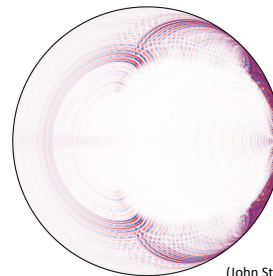
- Electro-magnetic observations in a wide range of wavelengths: **X-rays, UV, Optical, Infrared, Radio**



- **Particles** originating from the Sun: solar wind and solar storms



- **Neutrinos** as trace of the fusion reactions in the core and study of these reactions in the laboratory



- **Waves:** magneto-acoustic-gravity waves and gravitational waves

Dismiss immediately

Need further data

AI

Alert stream

Vera C. Rubin

FRB

High-priority alert, biggest facilities:

Redundant Array of Inexpensive Telescopes

NGTS, image credit: G. Lambert.

AIP

+

Low read-noise detectors

Fig. 4. 5x5 mm Silicon-on-Chip (SOC) sensor packaged in FormFactor. While the From: arxiv.org/abs/2402.12316

Fig. 10. Charge discretization for two different LED time exposures, 25µs (top) and 10µs (bottom). The Pearson goodness-of-fit values are 1.002 and 1.013 respectively. The bottom figure also shows a normal distribution fit to the 2nd peak, resulting in a noise deviation of 0.15e⁻.

Further data

High-priority alert

Dismiss

Leibniz-Institut für Astrophysik Potsdam (AIP)