

Coordinated observation

-aim

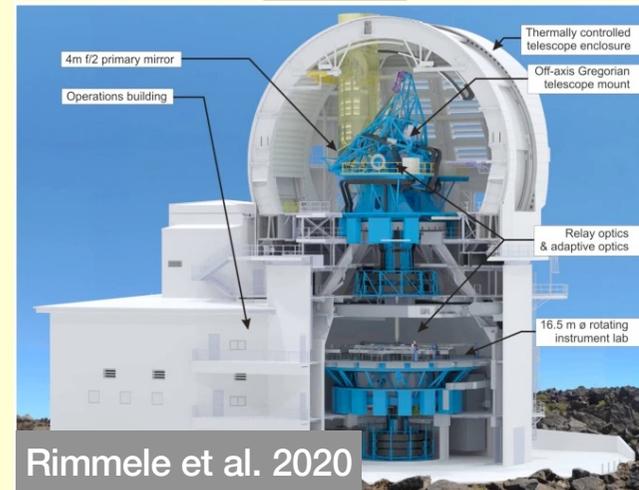
Instruments I: Solar Orbiter & DKIST

Solar Orbiter



- **chromospheric & coronal imaging**
-Extreme Ultraviolet Imager (EUI)
- **transition region and chromospheric spectral line raster maps**
-Spectral Imaging of the Coronal Environment (SPICE)
- **photospheric magnetic field**
-Polarimetric and Helioseismic Imager (PHI)

DKIST

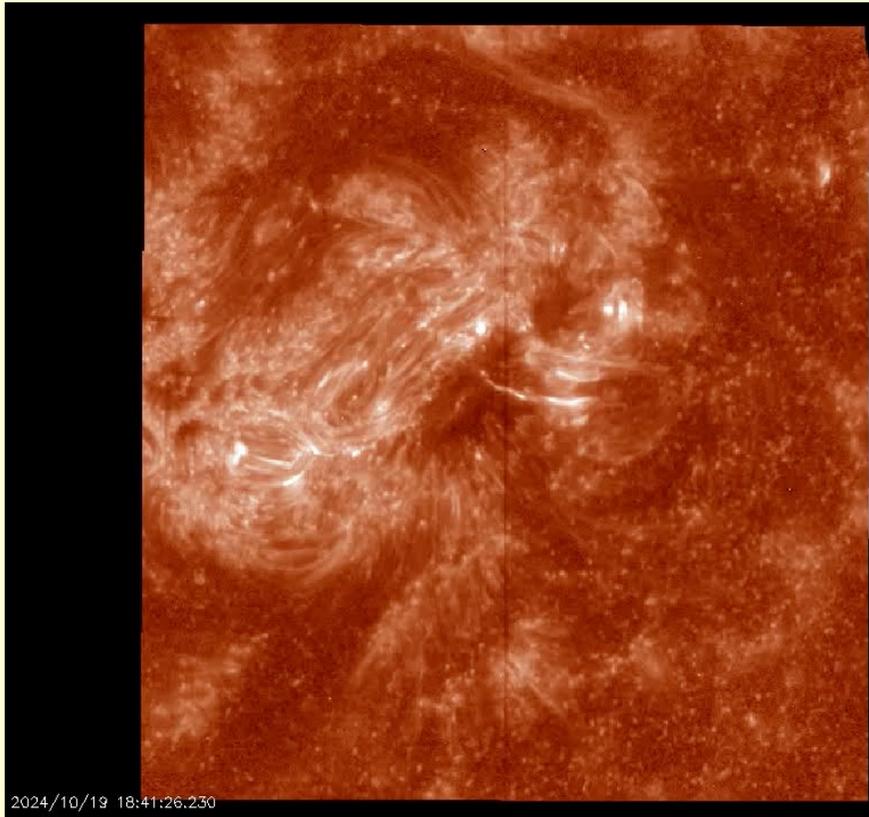


- **photosphere and chromosphere imaging & photosphere plane-of-sky velocities**
-Visible Broadband Imager (VBI)
- **photospheric vector magnetograms & line-of-sight velocities**
-Visible Spectro-Polarimeter (ViSP)
- **coronal spectro-polarimetry**
-Cryogenic Near-IR Spectro-Polarimeter (Cryo-NIRSP)

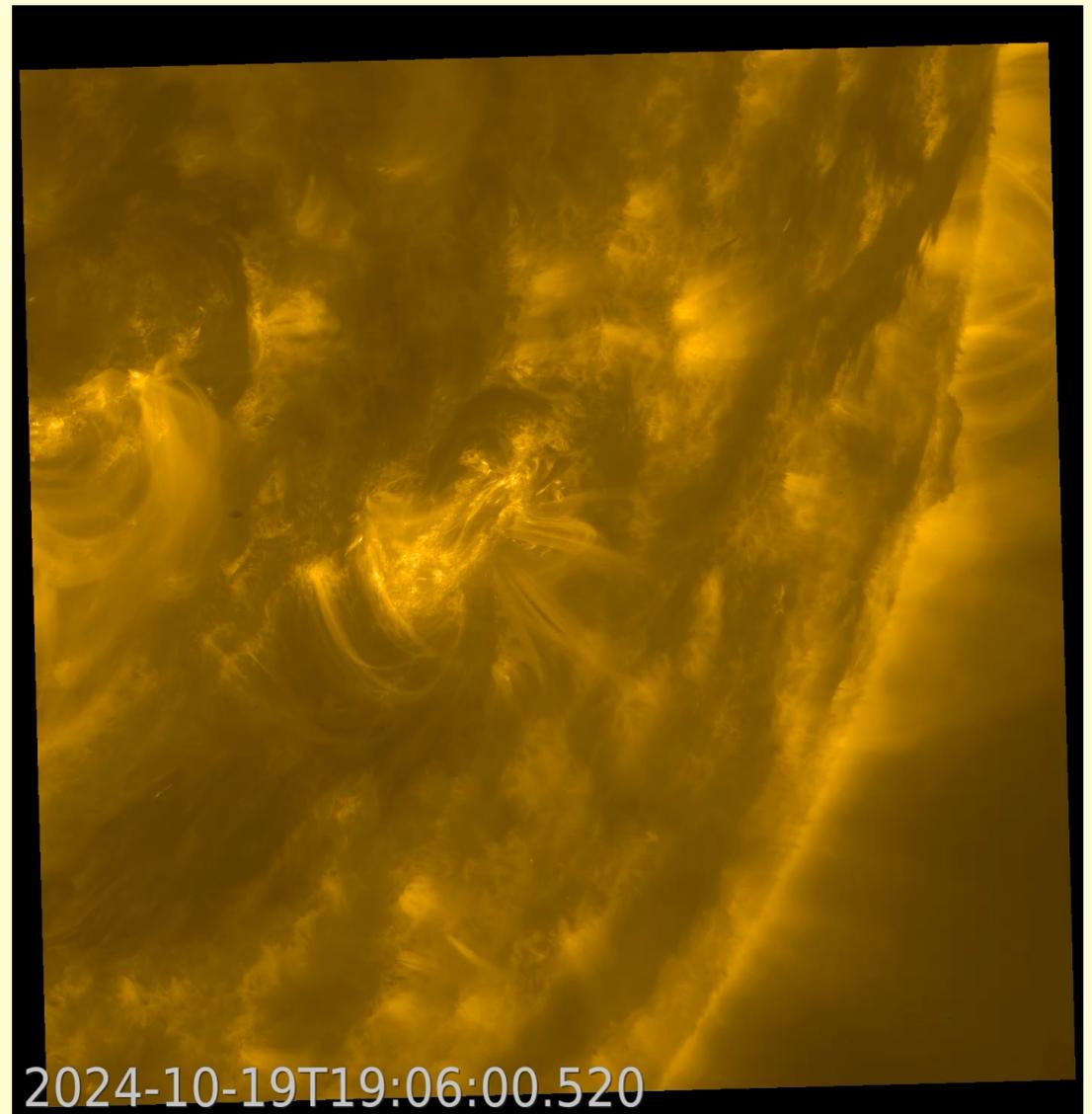
Example of coordinated observations
October 2022 and October 2024

Overview: 19 October 2024

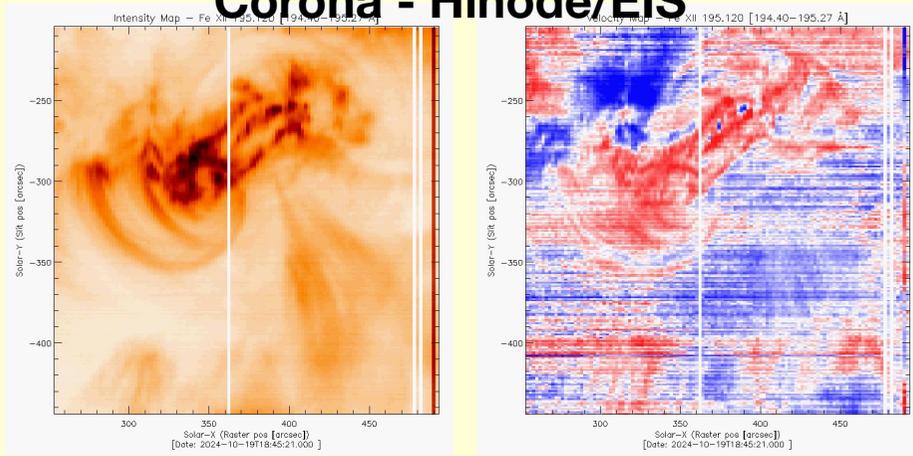
Transition region - IRIS/SJI 1400



Corona - Solar Orbiter /EUI HRI 174



Corona - Hinode/EIS



- Observations from two vantage points
- EUI/HRI -1 sec cadence!
- the best cadence imaging ever!

Possible new applications

Thank you for your attention!

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**QR code
-more detailed talk**



PMOD/WRC - Davos