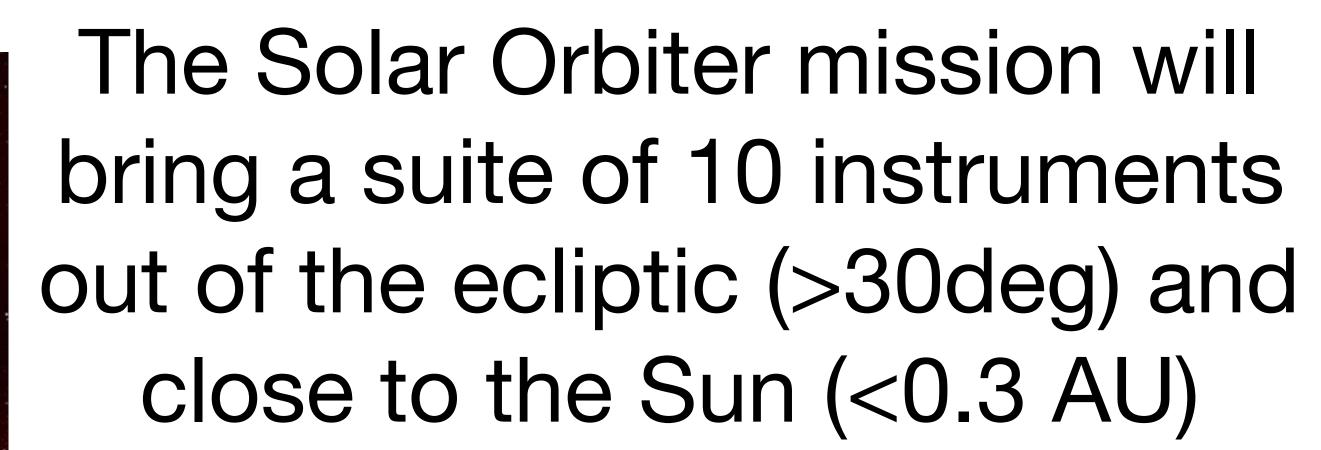
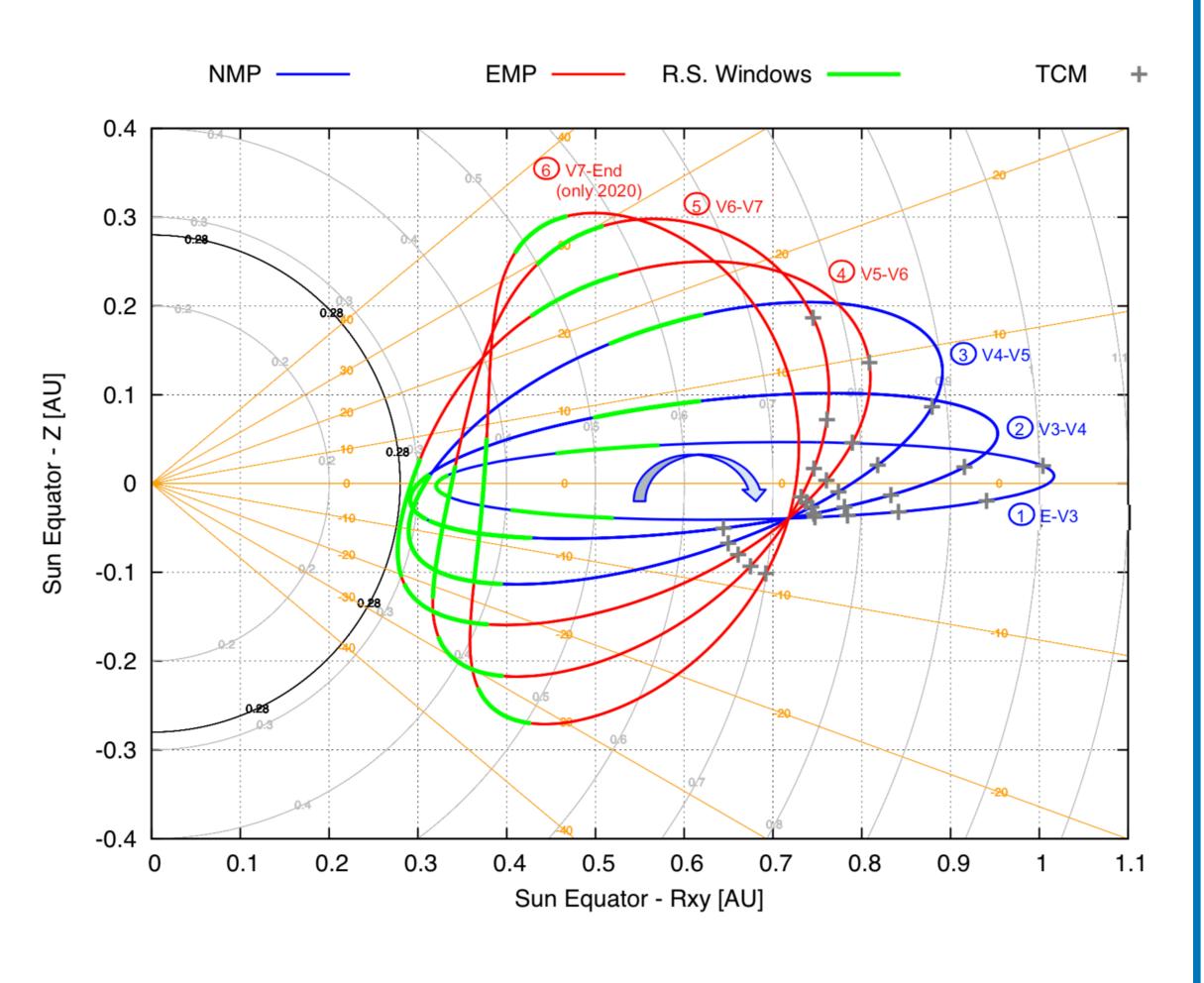
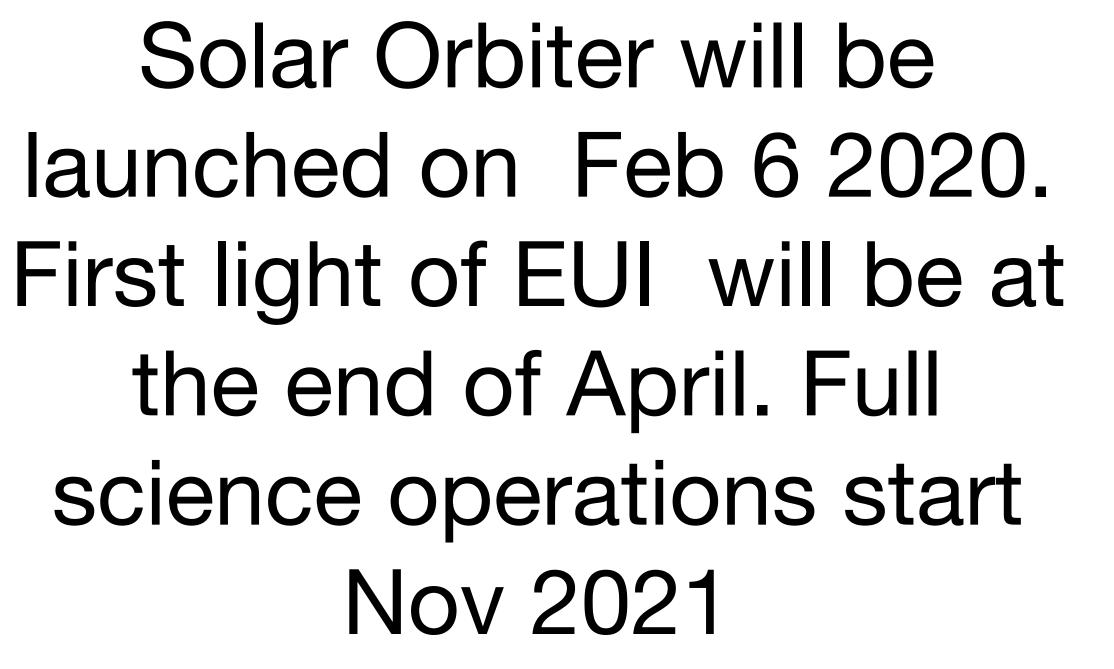
The Solar Orbiter EUI instrument: The Extreme Ultraviolet Imager P. Rochus, F. Auchère, D. Berghmans, L. Harra, W. Schmutz, U. Schühle and the EUI team

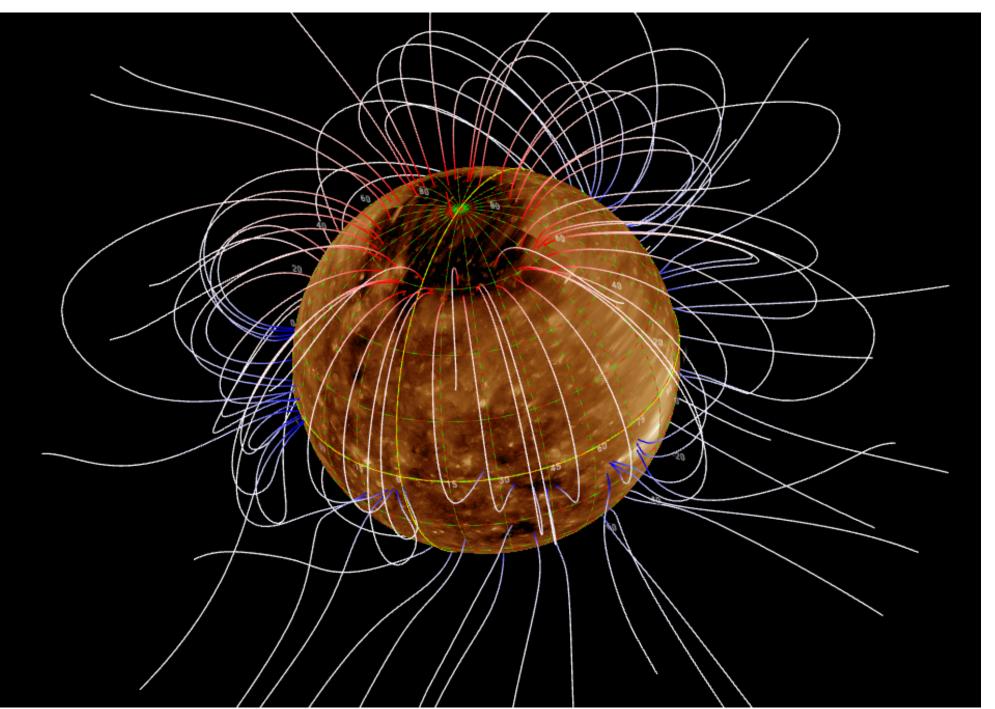
The Mission

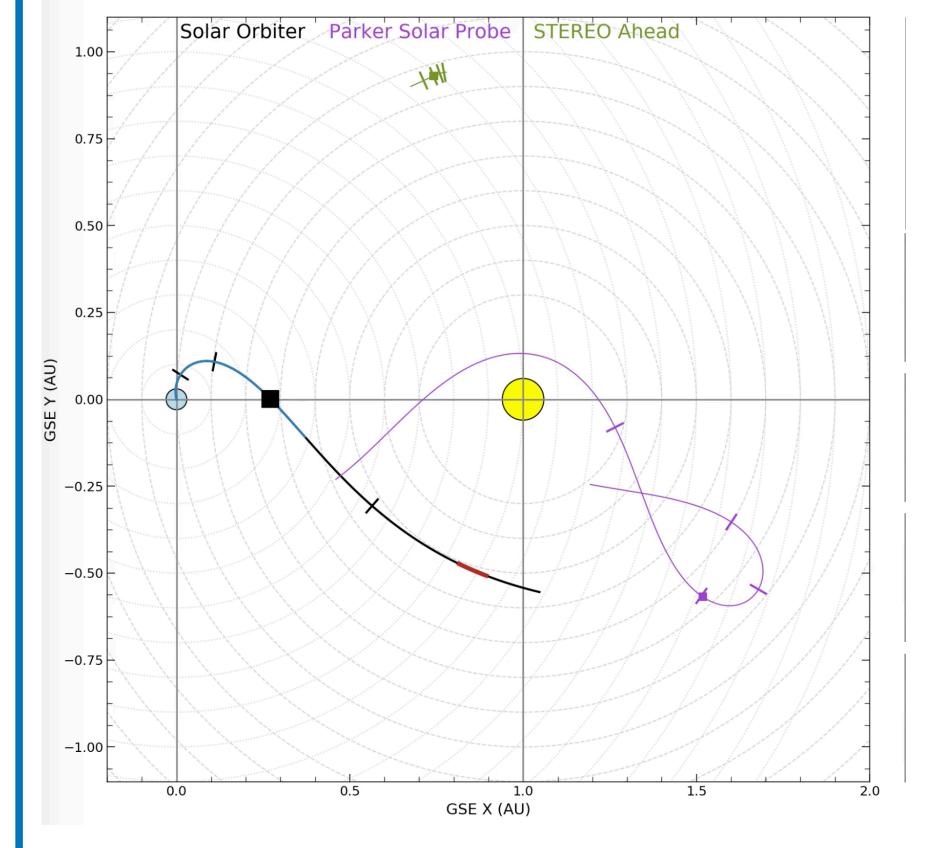










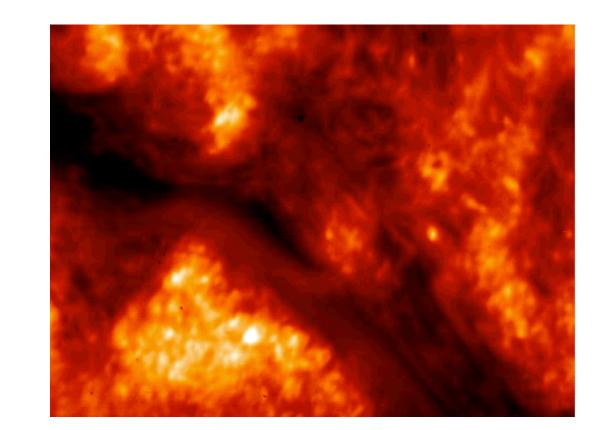


Imaging 30 deg out of the ecliptic, shows a full polar hole

The Instrument

Lyman-a High Resolution Imager

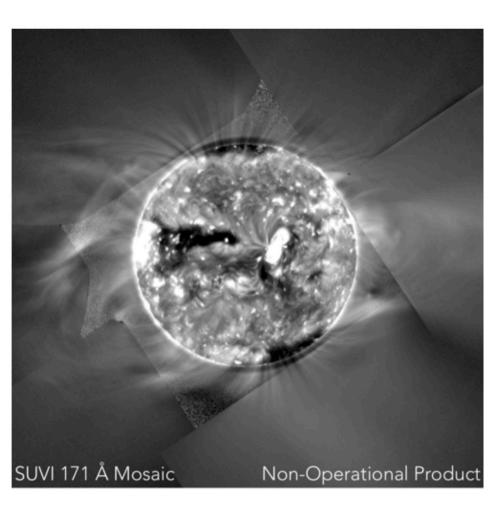
2kx2k with 0.5"/pix At perihelion: FOV (0.16R)^2, 100km/pix



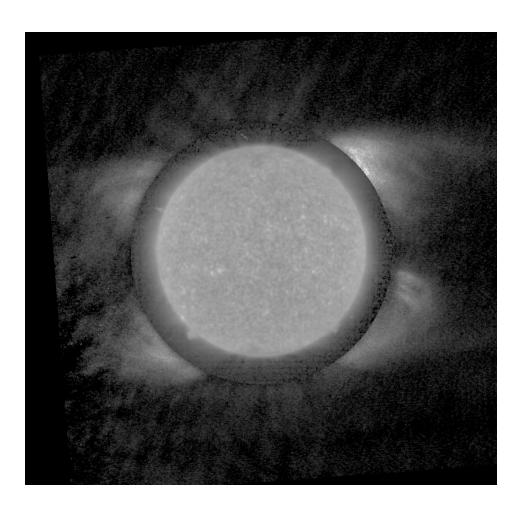
VAULT

The Full Sun imager

17.4nm and 30.4nm 3kx3k with 4.5"/pix At perihelion: FOV (4 R)^2



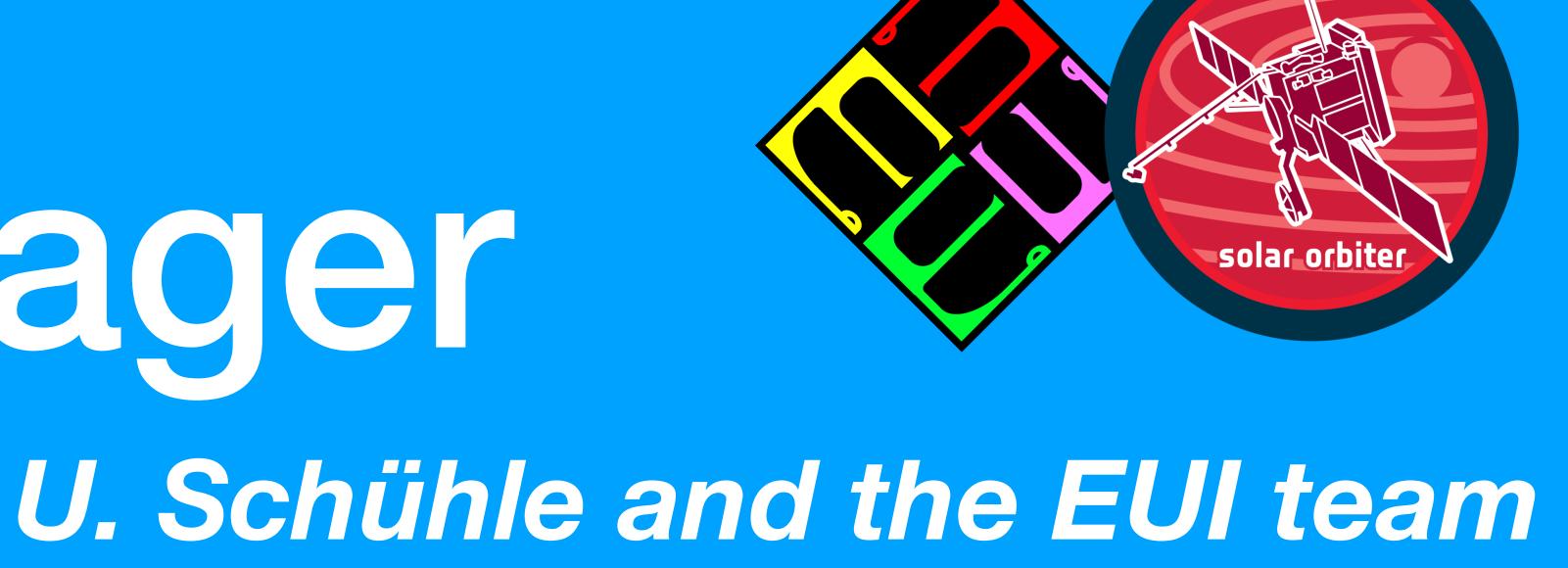


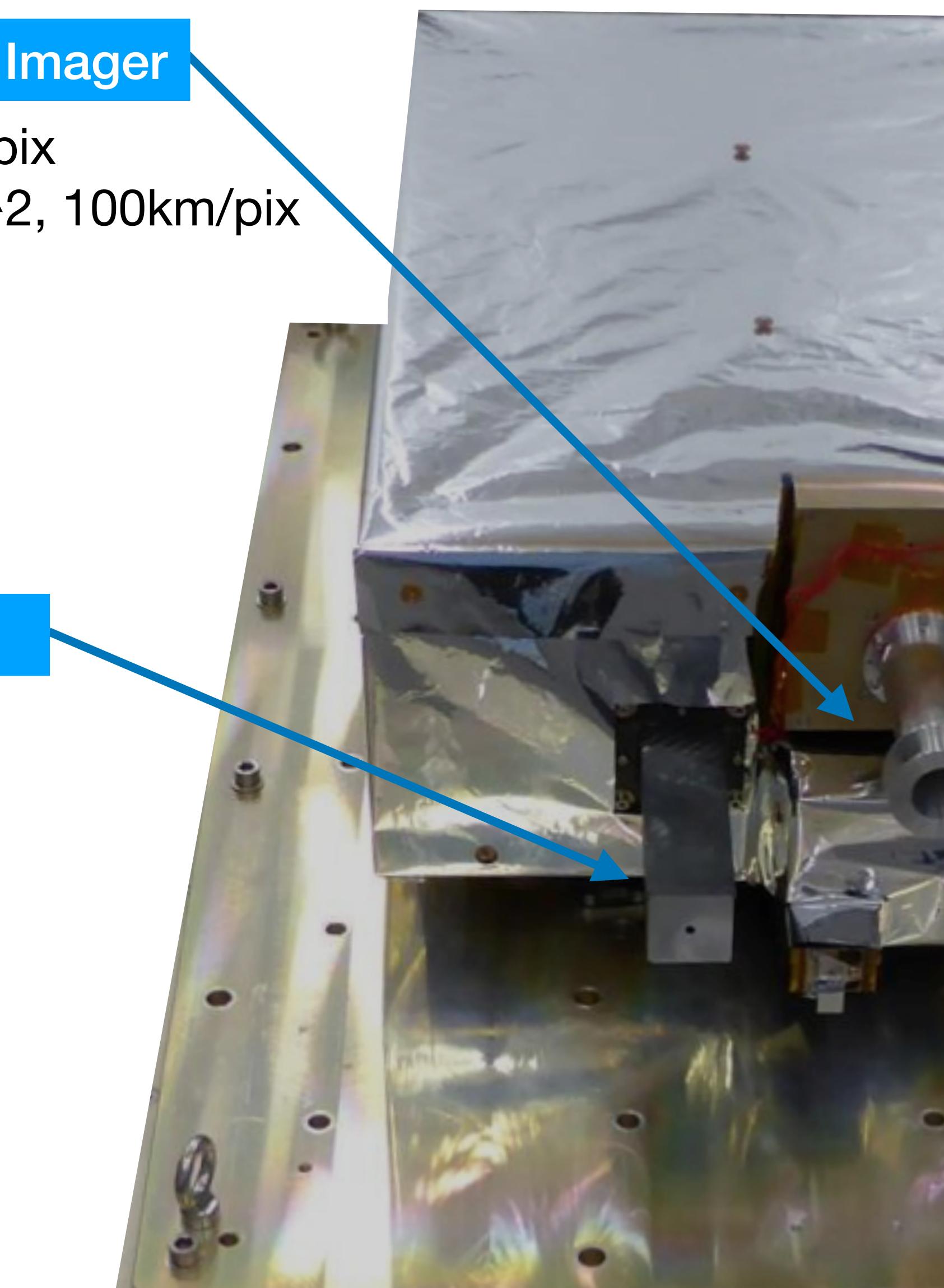


HECOR

And the Common **Electronics Box**













Poster Number: SH21D-3291

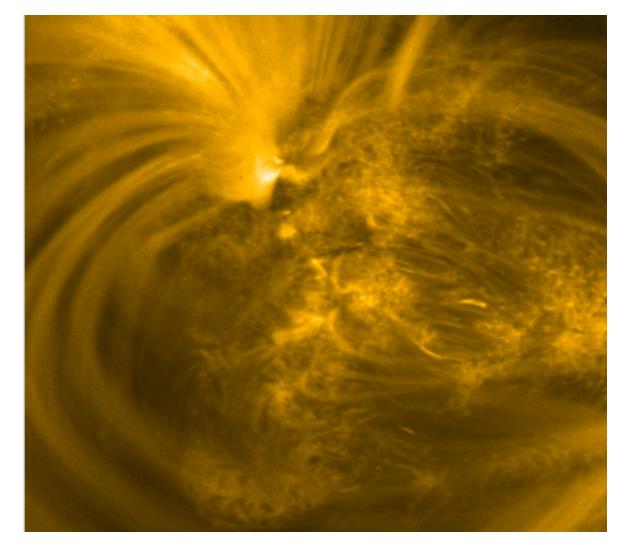
The challenges

- small apertures
- restricted telemetry
- "planetary encounter" type of operations

EUV High Resolution Imager

2kx2k with 0.5"/pix At perihelion: FOV (0.16R)^2, 100km/pix

HI-C



Instrument Paper: Rochus et al 2020, AA, submitted









