

1.1.4.1.4 Current sheets inferred by determining the magnetic field geometries at local chromospheric heating sites

- Current sheets inferred by determining the magnetic field geometries at local chromospheric heating sites (Fletcher et al., 2001).

- **SPICE:**

- Target: Mostly active regions but not only
- Observing mode: Dynamics
- Slit: 2" and 4"
- Exposure time/cadence and number of X positions: 5 s, X=480 and X=224
- Field of View: 16'x11' and 15'x11'
- Number of repetitions of the study: 10 and 5
- Observation time: 7 hours (0.7 hours per study with 2" slit) and 1.6 hours (0.3 hours per study with 4" slit)
- Key SPICE lines to be included: H I 1025 Å, C II 1036 Å, C III 977 Å, O VI 1032 Å, Ne VIII 770 Å, (Mg IX 706 Å), Si XII 520 Å (x2) – 10 lines (4 profiles and 6 intensities)
- Observing window preference:
- Other instruments: EUI(?), METIS, PHI, SoloHI
- Comments:
-The choice of lines, and also the number of intensities and profiles, is flexible, although the sum of the intensities and profiles is constrained to a maximum (e.g 15 for composition mapping). While varying the number of intensities and profiles, within the maximum, has no effect on the duration of the study, it will have an effect on the telemetry.

- Possible binning on Y direction (groups of 2 pixels or 4 pixels)

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